

GREASES

Greases are viscous, tough to solid lubricants. By selecting suitable oils, thickeners and additives, the properties of the lubricating greases can be optimally adjusted for the most diverse applications with the corresponding experience and know-how.

For example, there are greases for high or very low temperatures, for applications in vacuum, particularly water-resistant and weatherproof, particularly pressure-resistant or capable of creep, rapidly biodegradable or particularly adhesive greases.

With the RENOLIT and PLANTO lubricating greases from FUCHS, you have one of the largest grease ranges on the market - for almost all applications and requirements and for the best possible technical and economical solutions.



Greases

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Greases



Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubricants	NLGI grade	Base oil viscosity at 40 °C [mm ² /s]	Temperature range [°C]	Approvals, recommendations	Main application area
Multipurpose / Longlife Greases								
PLANTOGEL ECO 2 FS	–	Li/Ca synth. ester	•	2	200	-30 / +120	–	Rapidly biodegradable EP multipurpose grease with solid lubrications for lubrication of plain and roller bearings, e.g. commercial vehicles and construction machinery.
PLANTOGEL ECO 2 S (Spray can: PLANTO MULTISPRAY S)	–	Li/Ca synth. ester	–	2	105	-40 / +120	EU Ecolabel 	Rapidly biodegradable EP multipurpose grease for plain and roller bearing lubrication, e.g. water turbines or in agriculture and forestry. Good pumpability in central lubricating systems.
PLANTOGEL ECO 402 S	–	Ca synth. ester	–	2	390	-40 / +120	EU Ecolabel 	High performance bio-grease, water (salt water) resistant.
RENOLIT CA-LZ (Spray can: RENOLIT CA-LZ SPRAY)	KP2K-30 ISO-L-X-CCHB2	Calcium Mineral oil	–	2	700	-30 / +120	–	Strongly adhesive, protects from wear even under extreme conditions, very resistant to water wash-out from metallic surfaces, long-term lubrication of passenger cars and commercial vehicles, construction industry, industrial and agricultural machines
RENOLIT DURAPLEX EP 1	–	Li-X Mineral oil	–	1	105	-30 / +160	–	Roller bearings, electric motor bearings, coupling bearings in the automotive sector, construction machines, forging presses by EUMUCO

PLANTO, RENOLIT

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Approvals, re- commendations	Main application area
Multipurpose / Longlife Greases								
RENOLIT DURAPLEX EP 2	–	Li-X Mineral oil	–	2	105	-30 / +160	–	Roller bearings, electric motor bearings, coupling bearings in the automotive sector, construction machines, forging presses by EUMUCO, wheel bearings of commercial vehicles , machine tools
RENOLIT DURAPLEX EP 3	–	Li-X Mineral oil	–	3	105	-20 / +160	–	Roller bearings, electric motor bearings, coupling bearings in the automotive sector, construction machines, forging presses by EUMUCO, wheel bearings of commercial vehicles
RENOLIT FEP 1	KP1N-20 ISO-L-X- BDEB 1	Lithium Mineral oil	–	1	200	-20 / +140	–	Steel mills, quarries, construction equipment and forging presses
RENOLIT FEP 2	KP2N-20 ISO-L-X- BDEB 2	Lithium Mineral oil	–	2	200	-20 / +140	–	Steel mills, quarries, construction equipment and forging presses, machine tools
RENOLIT FEP 25	KP2-3N-20 ISO-L-X- BDEB 2-3	Lithium Mineral oil	–	2-3	200	-20 / +140	–	Steel mills, quarries, construction equipment and forging presses
RENOLIT FLM 2	KPF2N-30 ISO-L-X- CDEB 2	Lithium Mineral oil	•	2	100	-30 / +140	MAN 285 LI-PF 2	For mechanically loaded lubricating points, grease with MoS ₂ , agricultural machines, commercial vehicles, construction industry, quarries and mining, rubber and concrete factory
RENOLIT GP 1	K1K-30 ISO-L-X- CCEA 1	Lithium Mineral oil	–	1	110	-30 / +120	–	Ageing resistant multipurpose grease with good corrosion protection properties for lubrication of plain and roller bearings, easily pumpable in central lubricating systems
RENOLIT GP 2	K2K-30 ISO-L-X- CCEA 2	Lithium Mineral oil	–	2	110	-30 / +120	–	Ageing resistant multipurpose grease with good corrosion protection properties for lubrication of plain and roller bearings, easily pumpable in central lubricating systems
RENOLIT GP 3	K3K-30 ISO-L-X- CCEA 3	Lithium Mineral oil	–	3	110	-30 / +120	–	Ageing resistant multipurpose grease with good corrosion protection properties for lubrication of plain and roller bearings, easily pumpable in central lubricating systems
RENOLIT LX-PEP 2	KP2N-30 ISO-L-X- CDEB 2	Li-X Mineral oil	–	2	170	-30 / +150	MAN 284 Li-H2, MB 265.1, ZF TE-ML 12, Schaeffler Gruppe, VW TL 52 147 X, Interprecise (IDC-Bearings), Deutsche Bahn	Multipurpose grease, wheel bearings of motor vehicles, roller bearings of e-motors, needle bearings of cardan shafts, plain and roller bearings, ventilator grease

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Multipurpose / Longlife Greases								
RENOLIT LX-PEP 3	KP3N-30 ISO-L-X- CDEB 3	Li-X Mineral oil	–	3	170	-30 / +150	Interprecise (IDC-Bearings)	Multipurpose grease, wheel bearings of motor vehicles, roller bearings of e-motors, plain and roller bearings, ventilator grease
RENOLIT MP	KP2K-40 ISO-L-X- DCEB 2	Lithium Mineral oil	–	2	35	-40 / +120	DBL 6804.00 MB-Sheet 267.0	Multipurpose grease for lubricating points in passenger cars, commercial vehicles, engines, where constant temperature does not exceed 100 °C, sliding speeds are very low and which are not exposed to high mechanical loads
RENOLIT MP PLUS	KP2K-30 ISO-L-X- CCEB 2	Lithium Mineral oil	–	2	100	-30 / +120	–	High quality EP multipurpose grease with high adhesiveness for the lubrication of plain and roller bearings. Only available in SR cartridges.

RENOLIT, PLANTO



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Greases for Plain and Roller Bearings								
PLANTOGEL ECO 2 FS	–	Li/Ca synth. ester	•	2	200	-30 / +120	–	Rapidly biodegradable EP multipurpose grease with solid lubrications for lubrication of plain and roller bearings, e.g. commercial vehicles and construction machinery.
PLANTOGEL ECO 2 S (Spray can: PLANTO MULTISPRAY S)	–	Li/Ca synth. Ester	–	2	105	-40 / +120	EU Ecolabel 	Rapidly biodegradable EP multipurpose grease for plain and roller bearing lubrication, e.g. water turbines or in agriculture and forestry. Good pumpability in central lubricating systems.
PLANTOGEL ECO 402 S	–	Ca synth. ester	–	2	390	-40 / +120	EU Ecolabel 	High performance bio-grease, water (salt water) resistant.
RENOLIT CA-LZ (Spray can: RENOLIT CA-LZ SPRAY)	KP2K-30 ISO-L-X-CCHB2	Calcium Mineral oil	–	2	700	-30 / +120	–	Strongly adhesive, protects from wear even under extreme conditions, very resistant to water wash-out from metallic surfaces, long-term lubrication of passenger cars and commercial vehicles, construction industry, industrial and agricultural machines

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Greases for Plain and Roller Bearings								
RENOLIT CSX 15	–	CaSX Mineral oil	–	1-2	440	-20 / +180	A. Kahl Pellet- pressen	Lubrication of high loaded, low speed plain and roller bearings and can be applied when the grease has to meet high demands on corrosion protection and working stability.; is easily pumpable even in long tubes fed by centralised lubrication systems. Typical applications are plain and roller bearings in steel mills, wood pellet presses, paper industry, mining, cement mills, quarries and construction equipment.
RENOLIT CX-EP 1	KP1N-30 ISO-L-X- CDEB 1	Ca-X Mineral oil	–	1	110	-30 / +140	–	In general suitable for high thermal and mechanical loads, especially in the chemical, rubber, tire, steel, quarry and excavation industry. Good water and salt water resistance, also resists to weak acids and caustic solutions. Easily pumpable in central lubricating systems.
RENOLIT CX-EP 2	KP2N-30 ISO-L-X- CDEB 2	Ca-X Mineral oil	–	2	110	-30 / +140	Hoesch Rothe Erde	In general suitable for high thermal and mechanical loads, especially in the chemical, rubber, tire, steel, quarry and excavation industry. Good water and salt water resistance, also resists to weak acids and caustic solutions. Easily pumpable in central lubricating systems.
RENOLIT CX-HT 0	–	CaSX Mineral oil	•	0	400	-20 / +160	–	Lubrication of high loaded, low speed plain and roller bearings, open gears and gear boxes, e.g. in construction machinery, steel mills, coal and ore mills; can be used in spray and dipping applications.
RENOLIT CX-HT 2 (Spray can: RENOLIT UNILOAD)	–	CaSX Mineral oil	•	2	400	-20 / +180	–	Lubrication of high loaded, low speed plain and roller bearings, e.g. for kiln cars, construction machinery, steel mills, coal and ore mills.
RENOLIT CX-TOM 15	–	CaSX semisynth. base oil	–	1-2	100	-40 / +160	SEW- Eurodrive	Industrial gear bearings, belt conveyors, paper machines, machine tools, mining
RENOLIT CXI 2	–	CaSX Mineral oil	–	2	400	-20 / +160	–	Lubrication of high loaded, low speed plain and roller bearings and can be applied when the grease has to meet high demands on corrosion protection and working stability. Typical applications are plain and roller bearings in steel mills, paper industry, mining, concrete industry, quarries and construction equipment.
RENOLIT DURAPLEX EP 1	–	Li-X Mineral oil	–	1	105	-30 / +160	–	Roller bearings, electric motor bearings, coupling bearings in the automotive sector, construction machines, forging presses by EUMUCO

RENOLIT

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Appro- vals, re- commen- dations	Main application area
Greases for Plain and Roller Bearings								
RENOLIT DURAPLEX EP 2	–	Li-X Mineral oil	–	2	105	-30 / +160	–	Roller bearings, electric motor bearings, coupling bearings in the automotive sector, construction machines, forging presses by EUMUCO, wheel bearings of commercial vehicles , machine tools
RENOLIT DURAPLEX EP 3	–	Li-X Mineral oil	–	3	105	-20 / +160	–	Roller bearings, electric motor bearings, coupling bearings in the automotive sector, construction machines, forging presses by EUMUCO, wheel bearings of commercial vehicles
RENOLIT FAP 502	KP2N-20 ISO-L-X- BDEB 2	Li/Ca Mineral oil	–	2	500	-20 / +140	–	For high loaded plain and roller bearings with slow sliding speeds.
RENOLIT FEP 1	KP1N-20 ISO-L-X- BDEB 1	Lithium Mineral oil	–	1	200	-20 / +140	–	Steel mills, quarries, construction equipment and forging presses
RENOLIT FEP 2	KP2N-20 ISO-L-X- BDEB 2	Lithium Mineral oil	–	2	200	-20 / +140	–	Steel mills, quarries, construction equipment and forging presses, machine tools
RENOLIT FEP 25	KP2-3N-20 ISO-L-X- BDEB 2-3	Lithium Mineral oil	–	2-3	200	-20 / +140	–	Steel mills, quarries, construction equipment and forging presses
RENOLIT FLM 0	–	Lithium Mineral oil	•	0	100	-30 / +120	–	For mechanically loaded lubricating points, grease with MoS ₂ , and additives to improve corrosion protection, EP and AW
RENOLIT FLM 2	KPF2N-30 ISO-L-X- CDEB 2	Lithium Mineral oil	•	2	100	-30 / +140	MAN 285 LI-PF 2	For mechanically loaded lubricating points, grease with MoS ₂ , agricultural machines, commercial vehicles, construction industry, quarries and mining, rubber and concrete factory
RENOLIT FLM 502	KPF2N-20 ISO-L-X- BDEB 2	Li/Ca Mineral oil	•	2	500	-20 / +140	–	For high and very high loaded roller and friction bearings, slow sliding speeds
RENOLIT GP 1	K1K-30 ISO-L-X- CCEA 1	Lithium Mineral oil	–	1	110	-30 / +120	–	Ageing resistant multipurpose grease with good corrosion protection properties for lubrication of plain and roller bearings, easily pumpable in central lubricating systems
RENOLIT GP 2	K2K-30 ISO-L-X- CCEA 2	Lithium Mineral oil	–	2	110	-30 / +120	–	Ageing resistant multipurpose grease with good corrosion protection properties for lubrication of plain and roller bearings, easily pumpable in central lubricating systems
RENOLIT GP 3	K3K-30 ISO-L-X- CCEA 3	Lithium Mineral oil	–	3	110	-30 / +120	–	Ageing resistant multipurpose grease with good corrosion protection properties for lubrication of plain and roller bearings, easily pumpable in central lubricating systems

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Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Approvals, recommenda- tions	Main application area
Greases for Plain and Roller Bearings								
RENOLIT H 443-HD 88	–	Lithium Mineral oil	–	2-3	110	-30 / +140	RWE Rheinbraun Flender Siemens	Roller and friction bearings operating under specific high strain, in particular strain produced by shocks and vibrations e.g. in unbalanced motors, vibrating screens, vibrators, soil tampers and electrical machines. Lubrication of friction bearings via Stauffer grease cups, lubricating nipples or central lubricating systems. High loads within a wide speed range
RENOLIT HI-SPEED 2	KHCE2K-40 ISO-L-X- DCEA 2	Lithium synth. base oil	–	2	18	-40 / +120	–	For high-speed bearings, n x dm = 1,4 Mio, machine tools and textile spindles, electrical motor, linear guiding
RENOLIT HI-TEMP 100	KPHC2N-50 ISO-L-X-ED- FB 2	Li-X PAO	–	2	100	-50 / +140	–	Used in a wide temperature range for lubrication of plain and roller bearings of, e.g., electric motors, traction motors, bearings and cardan shafts in polar regions.
RENOLIT HI-TEMP 220	KPHC2N-40 ISO-L-X- DDFB 2	Li-X PAO	–	2	220	-40 / +140	–	Used in a wide temperature range for lubrication of plain and roller bearings of, e.g. paper mills (wet sector), truck hub units, and cardan shafts.
RENOLIT HI-TEMP 460	KPHC2N-40 ISO-L-X- DDFB 2	Li-X PAO	–	2	460	-40 / +140	–	Lubrication of plain and roller bearings of conveyor gears (e.g. in open cast mining), pellet presses, paper mills, and for lifetime lubrication in trucks and construction machines.
RENOLIT HLT 2	KPHC2N-40 ISO L-X- DDEB 2	Lithium PAO	–	2	105	-40 / +140	–	For lubricating points at changing ambient temperatures and high requirements, e. g. lifetime lubrication of pneumatic applications, centrifuges, plain and roller bearings
RENOLIT JP 1619	–	Lithium synth. base oil	–	1	25	-50 / +120	DBL 6804.70 VW TL 52 168 Dana Spicer Bosch MAN	EP-grease with additive for improve corrosion protection, ageing resistance and adhesiveness, lubrication of friction points requiring very good sliding behaviour, low start-up resistance, also at low temperature, e.g. rack and pinion steerings, prop shafts, high-speed bearings
RENOLIT LX-PEP 1/2	KP1-2N -30 ISO-L-X- CDEB 1-2	Li-X Mineral oil	–	1-2	170	-30 / +150	–	High speed gears for power tools, e.g. power drill, circular hand saw, jigsaw, etc., needle cups and length adjustments of cardan shafts, plain and roller bearings

RENOLIT

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Appro- vals, re- commen- dations	Main application area
Greases for Plain and Roller Bearings								
RENOLIT LX-PEP 2	KP2N-30 ISO-L-X- CDEB 2	Li-X Mineral oil	–	2	170	-30 / +150	MAN 284 Li-H2, MB 265.1, ZF TE-ML 12, Scha- effler Gruppe, VW TL 52 147 X, Interprecise (IDC-Bea- rings), Deutsche Bahn	Multipurpose grease, wheel bearings of motor vehicles, roller bearings of e-motors, needle bearings of cardan shafts, plain and roller bearings, ventilator grease
RENOLIT LX-PEP 3	KP3N-30 ISO-L-X- CDEB 3	Li-X Mineral oil	–	3	170	-30 / +150	Interprecise (IDC-Bea- rings)	Multipurpose grease, wheel bearings of motor vehicles, roller bearings of e-motors, plain and roller bearings, ventilator grease
RENOLIT LZR 2 H	KP2N-30 ISO-L-X- CDIB 2	Lithium Mineral oil	–	2	230	-30 / +140	Baier & Köppel	Premium multipurpose grease, long-term rust prevention, sealing grease, central lubricating systems, sugar refineries, roof tile factories, paper industry, prevent standstill corrosion, hytel compatibel
RENOLIT MP	KP2K-40 ISO-L-X- DCEB 2	Lithium Mineral oil	–	2	35	-40 / +120	DBL 6804.00 MB-Blatt 267.0	Multipurpose grease for lubricating points in passenger cars, commercial vehicles, engines, where constant temperature does not exceed 100°C, sliding speeds are very low and which are not exposed to high mechanical loads
RENOLIT MP PLUS	KP2K-30 ISO-L-X- CCEB 2	Lithium Mineral oil	–	2	100	-30 / +120	–	High quality EP multipurpose grease with high adhesiveness for the lubrication of plain and roller bearings. Only available in SR cartridges.
RENOLIT POLAR BLACK	–	Lithium PAO	•	1-2	84	-50 / +140	–	Fully synthetic heavy duty all-season grease with solid lubricants for plain and roller bearings of construction machines and mining vehicles exposed to changing ambient temperatures.
RENOLIT PU-FH 300	KP2R-20	PU Mineral oil	–	2	500	-20 / +180	–	Lubricating points exposed to high thermal loads and bearings with slow sliding speeds (asphalt pavers)
RENOLIT PU-MA 2	KPFH- C2R-40 ISO-L-X- DFEB 2	PU PAO	•	2	100	-40 / +180	–	Lubrication of electric motors, hot-air blowers, tumble dryers, black-rubber mixers, paper industry dryers, calander bearings, etc.
RENOLIT S 2	KE1-2G-60 ISO-L-X- EBEA 1-2	Lithium synth. ester	–	1-2	14	-60 / +100	–	Low temperature e.g. electrical motors, instruments, air traffic control systems, refrigerators, air conditioners and transmitter equipment
RENOLIT SI 400 L	KSI1R-30 ISO-L-X- EFEA 1-2	Lithium Silicone oil	–	1	80	-30 / +180	–	For slightly to normally loaded roller and friction bearings in electric motors, for joints, conveyor chains, ventilators, dryers, controlling equipment, and household appliances. RENOLIT SI 400 L guarantees a good lubrication to metal/plastic parings.

Greases

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Appro- vals, re- commen- dations	Main application area
Greases for Plain and Roller Bearings								
RENOLIT SI 400 M	KSI2R-30 ISO-L-X- EFEA 2	Lithium Silicone oil	–	2	80	-30 / +180	–	For slightly to normally loaded roller and friction bearings in electric motors, for joints, conveyor chains, ventilators, dryers, controlling equipment, and household appliances. RENOLIT SI 400 M guarantees a good lubrication to metal/plastic pairings.
RENOLIT SI 511 F	–	PU Silicone oil	–	0	80	-40 / +200	–	Especially suitable for re-lubrication of RENOLIT SI 511 L and SI 511 M at very high temperature
RENOLIT SI 511 L	–	PU Silicone oil	–	1	80	-40 / +200	–	High temperature grease, plain and roller bearings, e.g. electric motors, conveyor chains, furnace carriages, drying equipment, bearing pairs: metal/metal, metal/plastic, plastic/plastic
RENOLIT SI 511 M	–	PU Silicone oil	–	2	80	-30 / +220	–	High temperature grease, plain and roller bearings, e.g. electric motors, conveyor chains, furnace carriages, drying equipment, bearing pairs: metal/metal, metal/plastic, plastic/plastic
RENOLIT ST-FTM 0-1	–	PTFE PFPE	–	1	335	-40 / +250	–	For the lubrication of plain and roller bearings and guidances at high temperatures. Also for the lubrication of ejectors of plastic injection moulding machines and tyre heating presses. Do not mix with mineral oil products or other lubricants. The surfaces to be lubricated shall be free of residual oil and grease.
RENOLIT ST-FTM 2	–	PTFE PFPE	–	2	335	-40 / +250	–	For the lubrication of plain and roller bearings and guidances at high temperatures. Also for the lubrication of ejectors of plastic injection moulding machines, tyre heating presses and paint finishing systems. Do not mix with mineral oil products or other lubricants. The surfaces to be lubricated shall be free of residual oil and grease.
RENOLIT ST 8-081/2	–	PTFE PFPE	–	2	510	-20 / +260	–	Do not mix with other lubricants! Surfaces must be free from residual oil and grease! Fully synthetic, thermally stable, resistant to solvents (exception: halocarbon refrigerants), oxidation stable, high load carrying abilities; plain and roller bearings of all industrial sectors, e.g. enamelling lines, drying stoves, machines in the packaging industries, calender bearings, bearings of hot air and smoke gas flaps in power plants
RENOLIT UNITEMP 2	–	Synt. NaX PAO	–	2	180	-50 / +180	–	Plain and roller bearings at high temperatures

PLANTO, RENOLIT

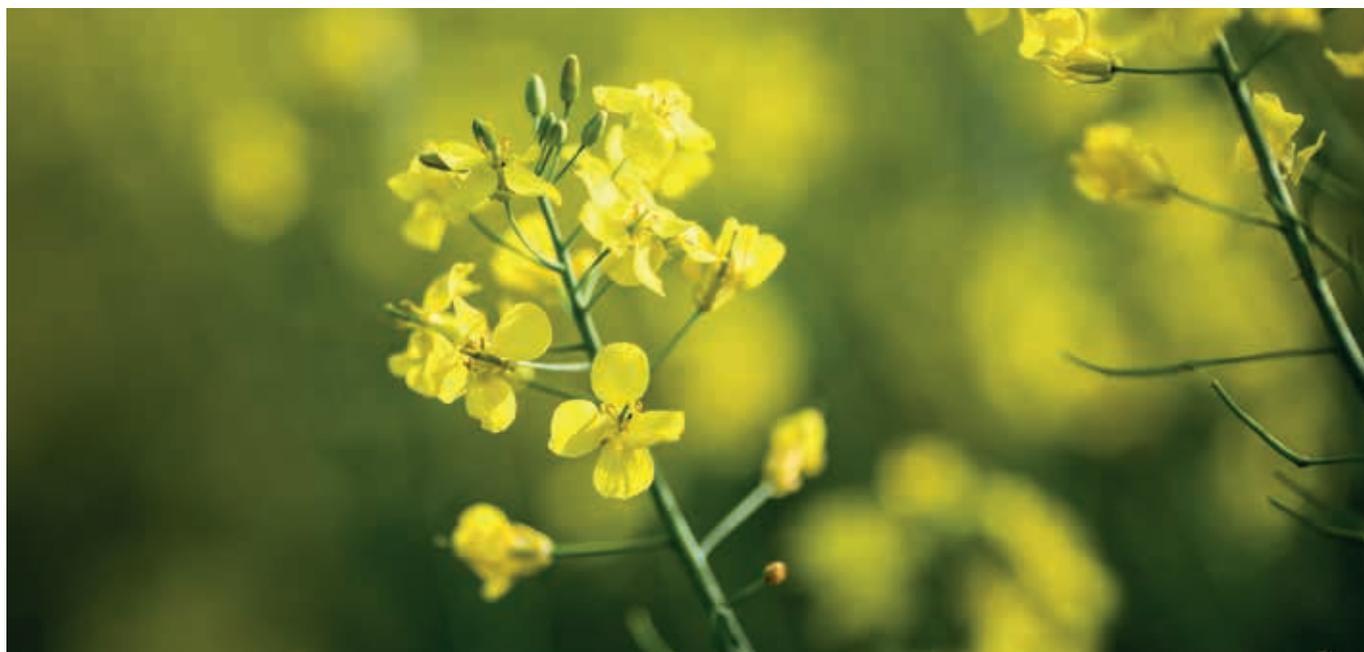


Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Approvals, recommen- dations	Main application area
Greases for Gear Boxes								
PLANTOGEL ECO 000 S	–	Li/Ca synth. ester	–	00-000	55	-40 / +120	–	Rapidly biodegradable semi-fluid grease for lubrication of plain and roller bearings in commercial vehicles and construction machinery with central lubrication systems. also for gear systems which are exposed to low to medium loads.
RENOLIT CX-EP 0	GPON-30	Ca-X Mineral oil	–	0	120	-30 / +140	–	In general suitable for high thermal and mechanical loads, especially in the chemical, rubber, tire, steel, quarry and excavation industry. Good water and salt water resistance, also resists to weak acids and caustic solutions. Easily pumpable in central lubricating systems.
RENOLIT CX-HT 0	–	CaSX Mineral oil	•	0	400	-20/ +160	–	Lubrication of high loaded, low speed plain and roller bearings, open gears and gear boxes, e.g. in construction machinery, steel mills, coal and ore mills; can be used in spray and dipping applications.
RENOLIT CX-HT 2 <small>(Spray can: RENOLIT UNLOAD)</small>	–	CaSX Mineral oil	•	2	400	-20/ +180	–	Lubrication of high loaded, low speed plain and roller bearings, e.g. for kiln cars, construction machinery, steel mills, coal and ore mills.

Greases

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Appro- vals, re- commen- dations	Main application area
Greases for Gear Boxes								
RENOLIT EPLITH 00	GP00K-10	Lithium Mineral oil	–	00	420	-10 / +120	Müller- Weingar- ten Schuler	Lubrication of worm gears, bevel gears, spiral-toothed and straight-toothed gears, e.g. forming presses, machine tools, industrial gears
RENOLIT FLM 0	–	Lithium Mineral oil	•	0	100	-30 / +120	–	For mechanically loaded lubricating points, grease with MoS ₂ , and additives to improve corrosion protection, EP and AW
RENOLIT LZR 000	GP00- 000G-40	Li/Ca Mineral oil	–	00-000	43	-40 / +110	MB-Sheet 264.0 MAN 283 LI-P 00/000	Semi-fluid grease for central lubricating systems of commercial vehicles
RENOLIT SF 7-041	GP000K-30	Lithium Mineral oil	–	000	110	-30 / +120	–	Machine tools, labelling and packaging machines with central lubrication systems, industrial gears.
RENOLIT SO-GFB	GP00H-30	Sodium Mineral oil	–	00	250	-30 / +100	–	Fast rotating gears, gear motors, drum motors
RENOLIT SO-GFO 35	GP0H-30	Sodium Mineral oil	–	0	250	-30 / +100	–	Fast rotating gears, agricultural machines

RENOLIT, PLANTO



Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Approvals, recommen- dations	Main application area
Rapidly Biodegradable Greases								
PLANTOGEL ECO 1 N	–	Calcium Rape seed oil	–	1	36	-20 / +70	EU Ecolabel 	Rapidly biodegradable lubricating grease with Ecolabel, e.g. for lock gates or in agriculture and forestry.
PLANTOGEL ECO 2 N	–	Calcium Rape seed oil	–	2	36	-20 / +70	EU Ecolabel 	
PLANTOGEL ECO 000 S	–	Li/Ca synth. ester	–	00-000	55	-40 / +120	–	Rapidly biodegradable semi-fluid grease for lubrication of plain and roller bearings in commercial vehicles and construction machinery with central lubrication systems. also for gear systems which are exposed to low to medium loads.
PLANTOGEL ECO 2 S <small>(Spray can: PLANTO MULTISPRAY S)</small>	–	Li/Ca synth. ester	–	2	105	-40 / +120	EU Ecolabel 	Rapidly biodegradable EP multipurpose grease for plain and roller bearing lubrication, e.g. water turbines or in agriculture and forestry. Good pumpability in central lubricating systems.
PLANTOGEL ECO 2 FS	–	Li/Ca synth. ester	•	2	200	-30 / +120	–	Rapidly biodegradable EP multipurpose grease with solid lubrications for lubrication of plain and roller bearings, e.g. commercial vehicles and construction machinery.
PLANTOGEL ECO 402 S	–	Ca synth. ester	–	2	390	-40 / +120	EU Ecolabel 	High performance bio-grease, water (salt water) resistant.

Greases



Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubricants	NLGI grade	Base oil viscosity at 40 °C [mm ² /s]	Temperature range [°C]	Approvals, recommendations	Main application area
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Greases for Machine Tools

RENOLIT CHUCK PASTE	–	Li/Ca Mineral oil	•	2-3	166	-30 / +155	–	Chucks for machine tools and as mounting aide for gears and electrical motors, etc., ejectors of plastic injection moulding machines (up to +100 °C), prevent corrosion and fretting corrosion
RENOLIT CX-EP 2	KP2N-30 ISO-L-X-CDEB 2	Ca-X Mineral oil	–	2	110	-30 / +140	Hoesch Rothe Erde	In general suitable for high thermal and mechanical loads, especially in the chemical, rubber, tire, steel, quarry and excavation industry. Good water and salt water resistance, also resists to weak acids and caustic solutions. Easily pumpable in central lubricating systems.
RENOLIT CX-TOM 15	–	CaSX semisynth. base oil	–	1-2	100	-40 / +160	SEW- Eurodrive	Industrial gear bearings, belt conveyors, paper machines, machine tools, mining
RENOLIT DURAPLEX EP 2	–	Li-X Mineral oil	–	2	105	-30 / +160	–	Roller bearings, electric motor bearings, coupling bearings in the automotive sector, construction machines, forging presses by EUMUCO, wheel bearings of commercial vehicles , machine tools
RENOLIT EPLITH 00	GP00K-10	Lithium Mineral oil	–	00	420	-10 / +120	Müller- Weingarten Schuler	Lubrication of worm gears, bevel gears, spiral-toothed and straight-toothed gears, e.g. forming presses, machine tools, industrial gears
RENOLIT FEP 2	KP2N-20 ISO-L-X-BDEB 2	Lithium Mineral oil	–	2	200	-20 / +140	–	Steel mills, quarries, construction equipment and forging presses, machine tools

RENOLIT

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Appro- vals, re- commen- dations	Main application area
Greases for Machine Tools								
RENOLIT HI-SPEED 2	KHCE2K-40 ISO-L-X- DCEA 2	Lithium synth. base oil	–	2	18	-40 / +120	–	For high-speed bearings, n x dm = 1,4 Mio, machine tools and textile spindles, electrical motor, linear guiding
RENOLIT PASTE PW	–	CaSX Mineral oil	•	2	350	-20 / +1,200	–	Assembly paste for prevent fretting cor- rosion , e.g. gears, electrical motors, etc., chucks, superheated steam valves, bearing seats on knuckle pins, or spline connections in length adjusters of car- dan shafts
RENOLIT SF 7-041	GP000K-30	Lithium Mineral oil	–	000	110	-30 / +120	–	Machine tools, labelling and packaging machines with central lubrication sys- tems, industrial gears.

Greases



Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubricants	NLGI grade	Base oil viscosity at 40 °C [mm ² /s]	Temperature range [°C]	Approvals, recommendations	Main application area
Greases for Rail Vehicles								
RENOLIT HLT 2	KPHC2N-40 ISO L-X-DDEB 2	Lithium PAO	–	2	105	-40 / +140	–	For lubricating points at changing ambient temperatures and high requirements, e. g. lifetime lubrication of pneumatic applications, centrifuges, plain and roller bearings
RENOLIT LX-PEP 1/2	KP1-2N -30 ISO-L-X-CDEB 1-2	Li-X Mineral oil	–	1-2	170	-30 / +150	–	High speed gears for power tools, e.g. power drill, circular hand saw, jigsaw, etc., needle cups and length adjustments of cardan shafts, plain and roller bearings
RENOLIT LX-PEP 2	KP2N-30 ISO-L-X-CDEB 2	Li-X Mineral oil	–	2	170	-30 / +150	MAN 284 Li-H2, MB 265.1, ZF TE-ML 12, Schaeffler Gruppe, VW TL 52 147 X, Interprecise (IDC-Bearings), Deutsche Bahn	Multipurpose grease, wheel bearings of motor vehicles, roller bearings of e-motors, needle bearings of cardan shafts, plain and roller bearings, ventilator grease
RENOLIT LX-PEP 3	KP3N-30 ISO-L-X-CDEB 3	Li-X Mineral oil	–	3	170	-30 / +150	Interprecise (IDC-Bearings)	Multipurpose grease, wheel bearings of motor vehicles, roller bearings of e-motors, plain and roller bearings, ventilator grease

RENOLIT



Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Approvals, recommen- dations	Main application area
Greases for Extreme High Temperatures								
RENOLIT PU-FH 300	KP2R-20	PU Mineral oil	–	2	500	-20 / +180	–	Lubricating points exposed to high thermal loads and bearings with slow sliding speeds (asphalt pavers)
RENOLIT PU-MA 2	KPFH- C2R-40 ISO-L-X- DFEB 2	PU PAO	•	2	100	-40 / +180	–	Lubrication of electric motors, hot-air blowers, tumble dryers, black-rubber mixers, paper industry dryers, calander bearings, etc.
RENOLIT SI 400 L	KSI1R-30 ISO-L-X- EFEA 1-2	Lithium Silicone oil	–	1	80	-30 / +180	–	For slightly to normally loaded roller and friction bearings in electric motors, for joints, conveyor chains, ventilators, dryers, controlling equipment, and household appliances. RENOLIT SI 400 L guarantees a good lubrication to metal/plastic parings.
RENOLIT SI 400 M	KSI2R-30 ISO-L-X- EFEA 2	Lithium Silicone oil	–	2	80	-30 / +180	–	For slightly to normally loaded roller and friction bearings in electric motors, for joints, conveyor chains, ventilators, dryers, controlling equipment, and household appliances. RENOLIT SI 400 M guarantees a good lubrication to metal/plastic parings.
RENOLIT SI 511 F	–	PU Silicone oil	–	0	80	-40 / +200	–	Especially suitable for re-lubrication of RENOLIT SI 511 L and SI 511 M at very high temperature

Greases

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Appro- vals, recom- menda- tions	Main application area
Greases for Extreme High Temperatures								
RENOLIT SI 511 L	–	PU Silicone oil	–	1	80	-40 / +200	–	High temperature grease, plain and roller bearings, e.g. electric motors, conveyor chains, furnace carriages, drying equipment, bearing pairs: metal/metal, metal/plastic, plastic/plastic
RENOLIT SI 511 M	–	PU Silicone oil	–	2	80	-30 / +220	–	High temperature grease, plain and roller bearings, e.g. electric motors, conveyor chains, furnace carriages, drying equipment, bearing pairs: metal/metal, metal/plastic, plastic/plastic
RENOLIT ST-FTM 0-1	–	PTFE PFPE	–	1	335	-40 / +250	–	For the lubrication of plain and roller bearings and guidances at high temperatures. Also for the lubrication of ejectors of plastic injection moulding machines and tyre heating presses. Do not mix with mineral oil products or other lubricants. The surfaces to be lubricated shall be free of residual oil and grease.
RENOLIT ST-FTM 2	–	PTFE PFPE	–	2	335	-40 / +250	–	For the lubrication of plain and roller bearings and guidances at high temperatures. Also for the lubrication of ejectors of plastic injection moulding machines, tyre heating presses and paint finishing systems. Do not mix with mineral oil products or other lubricants. The surfaces to be lubricated shall be free of residual oil and grease.
RENOLIT ST 8-081/2	–	PTFE PFPE	–	2	510	-20 / +260	–	Do not mix with other lubricants! Surfaces must be free from residual oil and grease! Fully synthetic, thermally stable, resistant to solvents (exception: halocarbon refrigerants), oxidation stable, high load carrying abilities; plain and roller bearings of all industrial sectors, e.g. enamelling lines, drying stoves, machines in the packaging industries, calander bearings, bearings of hot air and smoke gas flaps in power plants
RENOLIT UNITEMP 2	–	Synt. NaX PAO	–	2	180	-50 / +180	–	Plain and roller bearings at high temperatures

RENOLIT

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Approvals, recommen- dations	Main application area
Greases for Extreme Low Temperatures								
RENOLIT HI-TEMP 100	KPHC2N-50 ISO-L-X-ED- FB 2	Li-X PAO	–	2	100	-50 / +140	–	Used in a wide temperature range for lubrication of plain and roller bearings of, e.g., electric motors, traction motors, bearings and cardan shafts in polar regions.
RENOLIT JP 1619	–	Lithium synth. base oil	–	1	25	-50 / +120	DBL 6804.70 VW TL 52 168 Dana Spicer Bosch MAN	EP-grease with additive for improve corrosion protection, ageing resistance and adhesiveness, lubrication of friction points requiring very good sliding behaviour, low start-up resistance, also at low temperature, e.g. rack and pinion steerings, prop shafts, high-speed bearings
RENOLIT POLAR BLACK	–	Lithium PAO	•	1-2	84	-50 / +140	–	Fully synthetic heavy duty all-season grease with solid lubricants for plain and roller bearings of construction machines and mining vehicles exposed to changing ambient temperatures.
RENOLIT S 2	KE1-2G-60 ISO-L-X- EBEA 1-2	Lithium synth. ester	–	1-2	14	-60 / +100	–	Low temperature e.g. electrical motors, instruments, air traffic control systems, refrigerators, air conditioners and transmitter equipment
RENOLIT SI 300 M	MSI2P-70	Lithium Silicone oil	–	2	75	-70 / +160	DBL 6812.10 VW TL 767 X	Low temperature grease for electric and electronic equipment, precision machines, sealing grease for radial waves sealing rings, groove rings, sealing rings; lubrication of sealing bellows
RENOLIT SI 300 S	MSI3P-70	Lithium Silicone oil	–	3	75	-70 / +160	–	Low temperature grease for electric and electronic equipment, precision machines, sealing grease for radial waves sealing rings, groove rings, sealing rings
RENOLIT UNITEMP 2	–	Synt. NaX PAO	–	2	180	-50 / +180	–	Plain and roller bearings at high temperatures

Greases



Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Approvals, recommen- dations	Main application area
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Greases for Central Lubricating Systems

PLANTOGEL ECO 000 S	–	Li/Ca synth. ester	–	00-000	55	-40 / +120	–	Rapidly biodegradable semi-fluid grease for lubrication of plain and roller bearings in commercial vehicles and construction machinery with central lubrication systems. also for gear systems which are exposed to low to medium loads.
PLANTOGEL ECO 2 S <small>(Spray can: PLANTO MULTISPRAY S)</small>	–	Li/Ca synth. ester	–	2	105	-40 / +120	EU Ecolabel 	Rapidly biodegradable EP multi-purpose grease for plain and roller bearing lubrication, e.g. water turbines or in agriculture and forestry. Good pumpability in central lubricating systems.
RENOLIT LX-PEP 2	KP2N-30 ISO-L-X- CDEB 2	Li-X Mineral oil	–	2	170	-30 / +150	MAN 284 Li-H2, MB 265.1, ZF TE-ML 12, Schaeffler Gruppe, VW TL 52 147 X, Interprecise (IDC-Bearings), Deutsche Bahn	Multipurpose grease, wheel bearings of motor vehicles, roller bearings of e-motors, needle bearings of cardan shafts, plain and roller bearings, ventilator grease
RENOLIT LZR 000	GP00- 000G-40	Li/Ca Mineral oil	–	00-000	43	-40 / +110	MB-Sheet 264.0 MAN 283 LI-P 00/000	Semi-fluid grease for central lubricating systems of commercial vehicles

PLANTO, RENOLIT

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Approvals, recommenda- tions	Main application area
Greases for Central Lubricating Systems								
RENOLIT LZR 2 H	KP2N-30 ISO-L-X- CDIB 2	Lithium Mineral oil	–	2	230	-30 / +160	Baier & Köppel	Premium multipurpose grease, long-term rust prevention, sealing grease, central lubricating systems, sugar refineries, roof tile factories, paper industry, prevent standstill corrosion, hytrel compatible
RENOLIT POLAR BLACK	–	Lithium PAO	•	1-2	84	-50 / +140	–	Fully synthetic heavy duty all-season grease with solid lubricants for plain and roller bearings of construction machines and mining vehicles exposed to changing ambient temperatures.
RENOLIT SF 7-041	GP000K-30	Lithium Mineral oil	–	000	110	-30 / +120	–	Machine tools, labelling and packaging machines with central lubrication systems, industrial gears.

Greases



Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Approvals, recommen- dations	Main application area
Greases with Solid Lubricants								
PLANTOGEL ECO 2 FS	–	Li/Ca synth. ester	•	2	200	-30 / +120	–	Rapidly biodegradable EP multipur- pose grease with solid lubrications for lubrication of plain and roller bearings, e.g. commercial vehicles and construc- tion machinery.
RENOLIT CX-HT 0	–	CaSX Mineral oil	•	0	400	-20 / +160	–	Lubrication of high loaded, low speed plain and roller bearings, open gears and gear boxes, e.g. in construction machinery, steel mills, coal and ore mills; can be used in spray and dipping applications.
RENOLIT CX-HT 2 <small>(Spray can: RENOLIT UNILOAD)</small>	–	CaSX Mineral oil	•	2	400	-20 / +180	–	Lubrication of high loaded, low speed plain and roller bearings, e.g. for kiln cars, construction machinery, steel mills, coal and ore mills.
RENOLIT EP X1	–	Lithium Mineral oil	•	1	1050	-15 / +120	Renk CMD	Heavy duty gear coupling grease
RENOLIT FLM 2	KPF2N-30 ISO-L-X- CDEB 2	Lithium Mineral oil	•	2	100	-30 / +140	MAN 285 LI-PF 2	For mechanically loaded lubricating points, grease with MoS ₂ , agricultural machines, commercial vehicles, const- ruction industry, quarries and mining, rubber and concrete factory
RENOLIT FLM 502	KPF2N-20 ISO-L-X- BDEB 2	Li/Ca Mineral oil	•	2	500	-20 / +140	–	For high and very high loaded roller and friction bearings, slow sliding speeds

PLANTO, RENOLIT

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Appro- vals, re- commen- dations	Main application area
Greases with Solid Lubricants								
RENOLIT FOL 2	–	Lithium PAO	•	2	110	-10 / +21	MPA Stuttgart approved	Very ageing resistant, grease for sliding films in engineering, low sliding speed
RENOLIT LX-OTP 2	–	Li-X Polyglycol	•	1-2	360	-40 / +160	MAN	Lubrication of MAN knuckle pins
RENOLIT POLAR BLACK	–	Lithium PAO	•	1-2	84	-50 / +140	–	Fully synthetic heavy duty all-season grease with solid lubricants for plain and roller bearings of construction machines and mining vehicles exposed to changing ambient temperatures.
RENOLIT PU-MA 2	KPFH- C2R-40 ISO-L-X- DFEB 2	PU PAO	•	2	100	-40 / +180	–	Lubrication of electric motors, hot-air blowers, tumble dryers, black-rubber mixers, paper industry dryers, calander bearings, etc.
RENOLIT TFL 2	–	Lithium PAO	•	2	110	-40 / +140	–	With PTFE, for slide-pairs with and without plastic components

Greases



Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Appro- vals, re- commen- dations	Main application area
Perfluorinated Pastes								
RENOLIT ST-FTM 0-1	–	PTFE PFPE	–	1	335	-40 / +250	–	For the lubrication of plain and roller bearings and guidances at high temperatures. Also for the lubrication of ejectors of plastic injection moulding machines and tyre heating presses. Do not mix with mineral oil products or other lubricants. The surfaces to be lubricated shall be free of residual oil and grease.
RENOLIT ST-FTM 2	–	PTFE PFPE	–	2	335	-40 / +250	–	For the lubrication of plain and roller bearings and guidances at high temperatures. Also for the lubrication of ejectors of plastic injection moulding machines, tyre heating presses and paint finishing systems. Do not mix with mineral oil products or other lubricants. The surfaces to be lubricated shall be free of residual oil and grease.
RENOLIT ST 8-081/2	–	PTFE PFPE	–	2	510	-20 / +260	–	Do not mix with other lubricants! Surfaces must be free from residual oil and grease! Fully synthetic, thermally stable, resistant to solvents (exception: halocarbon refrigerants), oxidation stable, high load carrying abilities; plain and roller bearings of all industrial sectors, e.g. enamelling lines, drying stoves, machines in the packaging industries, calender bearings, bearings of hot air and smoke gas flaps in power plants

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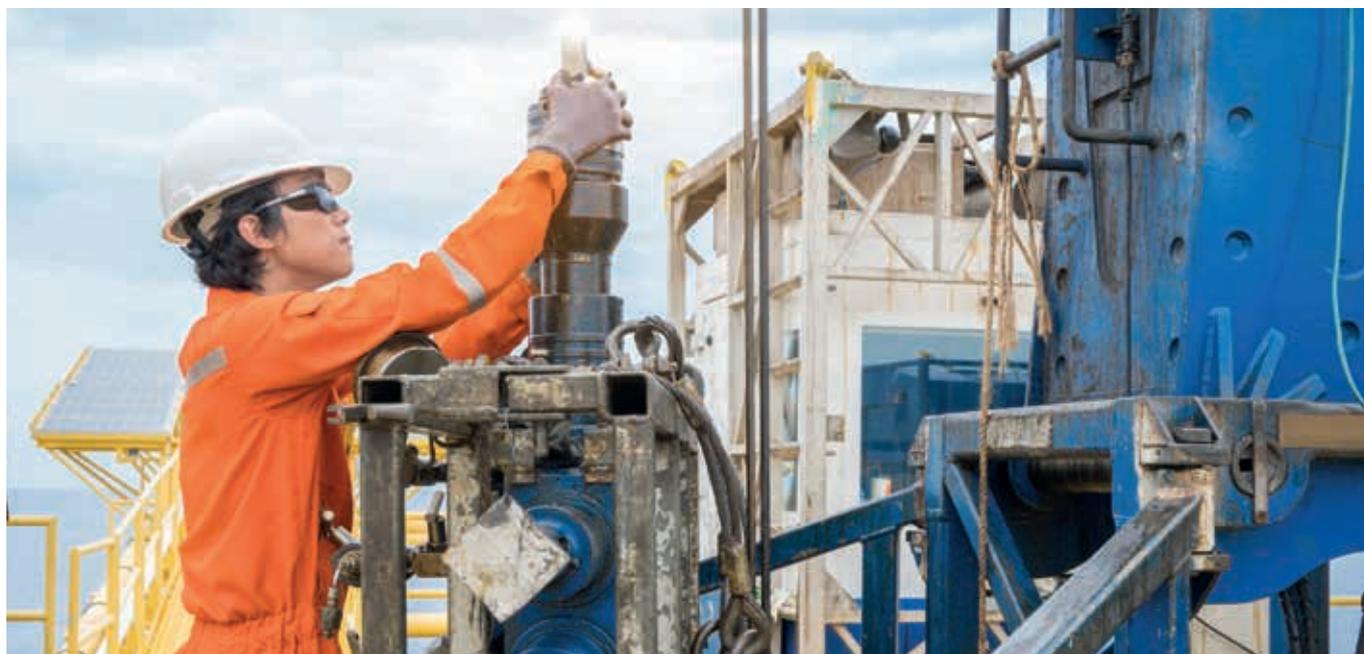


Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Approvals, recommen- dations	Main application area
Greases in Spray Cans or Rattle Cans								
DUOTAC ZAHNRADSPRAY	–	Wax Mineral oil	•	–	–	-20 / +150	–	Dry, tenacious lubricating film. Open gears, gear rims, racks, chains, outer lubrication of wire ropes in crane installations, excavators, agricultural machines, rack and pinion railways; to be applied in cold condition, for open toothed-wheel gearing, transportation and conveying systems in the metallurgical industry and roller mills, lubrication/conservation of drag ropes and chains, e.g. in non-metallic mineral processing, solid lubricating film up to +300 °C; Bitumen-free special lubricant with graphite
PLANTO MULTISPRAY S (Grease: PLANTOGEL ECO 2 S)	–	Li/Ca synth. ester	–	2	105	-40 / +120	–	Rapidly biodegradable EP multipurpose grease for plain and roller bearing lubrication, e.g. water turbines or in agriculture and forestry. Good pumpability in central lubricating systems.
RENAX GLEITSPRAY (Grease: RENOLIT GL 1)	–	Lithium Semi- synth. base oil	–	1	–	-30 / +140	–	Very adhesive, reduces friction and wear, protects from corrosion, temperature stable, noise-suppressing, suitable for plain and roller bearings and for gear boxes, bowden cables, guide rails, sun roofs, etc.

Greases

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Appro- vals, re- commen- dations	Main application area
Greases in Spray Cans or Rattle Cans								
RENOLIT CA-LZ SPRAY (Grease: RENOLIT CA-LZ)	KP2K-30 ISO-L-X- CCHB2	Calcium Mineral oil	–	2	700	-30 / +120	–	Strongly adhesive, protects from wear even under extreme conditions, very resistant to water wash-out from metallic surfaces, long-term lubrication of passenger cars and commercial vehicles, construction industry, industrial and agricultural machines
RENOLIT UNILOAD (Grease: RENOLIT CX-HT 2)	–	CaSX Mineral oil	•	2	400	-20 / +180	–	Lubrication of high loaded, low speed plain and roller bearings, e.g. for kiln cars, construction machinery, steel mills, coal and ore mills.

RENOLIT



Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Approvals, recommen- dations	Main application area
Assembly Pastes								
RENOLIT AS	–	Lithium synth. base oil	–	1	3000	-20 / +140	–	Lubricating and sealing grease, reduces friction, and vibration, prevents stick-slip, resists many liquids and gases, protects from corrosion; pump bearings, ventilators, conveyors, printing machines, cleaning equipment and painting lines
RENOLIT CHUCK PASTE	–	Li/Ca Mineral oil	•	2-3	166	-30 / +155	–	Chucks for machine tools and as mounting aide for gears and electrical motors, etc., ejectors of plastic injection moulding machines (up to +100 °C), prevent corrosion and fretting corrosion
RENOLIT LX-PG 2	–	Li-X Polyglycol	–	1-2	380	-40 / +160	VW TL52150	Plain and roller bearings, guides, gears, assembly aid for brake actuator boots made of EPDM
RENOLIT PASTE PW	–	CaSX Mineral oil	•	2	350	-20 / +1,200	–	Assembly paste for prevent fretting corrosion , e.g. gears, electrical motors, etc., chucks, superheated steam valves, bearing seats on knuckle pins, or spline connections in length adjusters of cardan shafts
RENOLIT SI 300 M	MSI2P-70	Lithium Silicone oil	–	2	75	-70 / +160	DBL 6812.10 VW TL 767 X	Low temperature grease for electric and electronic equipment, precision machines, sealing grease for radial waves sealing rings, groove rings, sealing-rings; lubrication of sealing bellows

Greases

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Approvals, recommen- dations	Main application area
Assembly Pastes								
RENOLIT SI 300 S	MSI3P-70	Lithium Silicone oil	–	3	75	-70 / +160	–	Low temperature grease for electric and electronic equipment, precision machines, sealing grease for radial waves sealing rings, groove rings, sealing-rings
RENOLIT SI 708	–	HDK Silicone oil	–	2-3	310	-40 / +200	–	Assembly aid for sealings, insulation grease

RENOLIT

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosi- ty at 40 °C [mm ² /s]	Tem- pera- ture range [°C]	Approvals, recommen- dations	Main application area
Greases for Special Applications								
RENOLIT FOL 2	–	Lithium PAO	•	2	110	-10 / +21	MPA Stuttgart approved	Very ageing resistant, grease for sliding films in engineering, low sliding speed
RENOLIT GL 1	–	Lithium Semi- synth. base oil	–	1	–	-30 / +140	–	Very adhesive, reduces friction and wear, protects from corrosion, temperature stable, noise-suppressing, suitable for plain and roller bearings and for gear boxes, bowden cables, guide rails, sun roofs, etc.
RENOLIT SI 300 M	MSI2P-70	Lithium Silicone oil	–	2	75	-70 / +160	DBL 6812.10 VW TL 767 X	Low temperature grease for electric and electronic equipment, precision machines, sealing grease for radial waves sealing rings, groove rings, sealing rings; lubrication of sealing bellows
RENOLIT SI 300 S	MSI3P-70	Lithium Silicone oil	–	3	75	-70 / +160	–	Low temperature grease for electric and electronic equipment, precision machines, sealing grease for radial waves sealing rings, groove rings, sealing rings
RENOLIT SI 410 M	KSI2K-55 ISO-L-X- ECEA 2	Calcium Silicone oil	–	2	750	-55 / +120	UBA (D), eurofins (F)	Beer tap grease for lubrication of taps, bearings and sealings of fermentation and filling plants for beverages, food plants and packaging
RENOLIT TFL 2	–	Lithium PAO	•	2	110	-40 / +140	–	With PTFE, for slide-pairs with and without plastic components
SILICONFETT 300 MITTEL BLQ	MSI2P-70	Lithium Silicone oil	–	2	75	-35 / +21	MPA Stuttgart approved	Bridge bearing quality (DIN EN 1337-2)