

CORROSION PREVENTIVES

Unprotected, bare metal surfaces lose their elaborated finish quality often due to corrosion, in particular oxidation. This is not only a deterioration of the look-and-feel, but often a loss of proper function.

The ANTICORIT products from FUCHS are temporary corrosion preventives that can be easily removed if necessary without damaging the surfaces to be protected.

ANTICORIT corrosion preventives have been developed under careful consideration of all conditions, both in the laboratory and in practice. They are simple and economical to use and, adapted to the diverse requirements of the practice, are available in a comprehensive product range.

FORMING LUBRICANTS

The right forming lubricants ensure optimum forming performance, excellent surface texture and process reliability. Their performance and suitability is also influenced by the compatibility with process-substances from upstream and downstream processes. A smooth function of the entire process chain only ensures optimal operating results. Well-matched lubricants make an important contribution here.

With the RENOFORM metalforming solutions from FUCHS, the world's largest independent lubricant manufacturer, you will get the know-how and experience in application consulting as well as tailor-made solutions.



Corrosion Preventives

Corrosion Protection Oils	106-107
Oily Corrosion Preventative Concentrates	107
Thixotropic Corrosion Protection Oils	108
Mineral Oil-free Corrosion Protection Products	109
Solvent based Corrosion Protection Products	109
Water Displacing Corrosion Protection Products	110-111
Water-miscible, Oily Corrosion Protection Products	111
Water-miscible, Synthetic Corrosion Protection Product	111
Waxy Corrosion Protection Products	112
Volatile Corrosion Inhibitor	113
Spray Cans	114
Maintenance Fluids for Dewatering Products	115

Forming Lubricants

Forming Lubricants	116
Non Water-miscible Cold Rolling Oils	116

Corrosion Preventives

Product name	Description	Kin. visc. at 40 °C [mm²/s] DIN 51562	Density at 15 °C [KG/m³]	Consumption [l/m²]	Film weight [g/m²]	Shed storage [Mon.]	Hall storage [Mon.]	FP [°C]	Thixotropic	VCI	Lubricating properties
Corrosion Protection Oils											
ANTICORIT RPO 1001	Conventional corrosion protection oil with low viscosity	8	839	0.002	2	2-4	4-8	146	–	–	–
ANTICORIT RPO 2001	Conventional corrosion protection oil with medium viscosity	15	839	0.005	4	2-4	4-8	194	–	–	–
ANTICORIT RPO 2002	Conventional corrosion protection oil with medium viscosity; improved corrosion protection	15	846	0.005	4	3-5	5-8	190	–	–	–
ANTICORIT RPO 3001	Conventional corrosion protection oil with high viscosity	30	847	0.011	9	3-6	6-9	190	–	–	–
ANTICORIT RPO 3002	Conventional corrosion protection oil with high viscosity; improved corrosion protection	30	851	0.011	9	3-6	6-8	226	–	–	–
ANTICORIT RPO 3003	Conventional corrosion protection oil with high viscosity	30	871	0.010	9	3-5	5-8	226	–	–	–
ANTICORIT RPO BGI 15	Corrosion protection oil with VCI; medium viscosity	14	865	0.006	5	3-6	9-15	155	–	•	•
ANTICORIT RPO BGI 21	Corrosion protection oil with VCI	22	902	0.006	6	3-6	9-15	150	–	•	•
ANTICORIT KL 7	Corrosion protection oil; medium viscosity	14	885	0.003	3	2-4	4-8	136	–	–	–
ANTICORIT LBO 160 TT	Corrosion protection oil with very high viscosity, suitable for use in low temperature situations	160	920	0.038	35	3-6	6-9	150	–	–	•
ANTICORIT RPS 30 N	Corrosion protection oil with good environmental and work safety properties, designed for mill application	23	840	0.011	9	3-6	6-9	230	–	–	–
ANTICORIT RP 30 NT	Corrosion protection oil designed for steel mill application	30	889	0.010	9	3-6	6-9	172	–	–	–
ANTICORIT RPS 28	Corrosion protection oil designed for steel mill application	24	880	0.010	9	3-6	6-9	180	–	–	–
ANTICORIT RP 4107 A	Mid-viscous, non thixotropic modification of ANTICORIT RP 4107 S	15	870	0.010	9	3-6	6-9	130	–	–	–
ANTICORIT RP 4107 LV NT	Low-viscous, non thixotropic modification of ANTICORIT RP 4107 S	12	864	0.007	6	3-6	6-9	150	–	–	–

ANTICORIT

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Corrosion Protection Oils											
ANTICORIT PL 3802 39 LV 8	Low-viscous blank washing oil with advanced lubrication, non thixotropic	8	890	0.002	2	3-6	6-9	110	–	–	•
ANTICORIT PL 3802 39 NT	Non thixotropic modification of ANTICORIT PL 3802 39 S	26	880	0.009	8	3-6	6-9	n/a	–	–	•
ANTICORIT PL 39 LV 8	Low-viscous blank washing oil	8	880	0.002	2	3-6	6-9	116	–	–	•
ANTICORIT PL 39 LV 18	Mid-viscous blank washing oil	17	900	0.008	7	3-6	6-9	158	–	–	•
Oily Corrosion Preventative Concentrates											
ANTICORIT RPC 5000	Corrosion protection concentrate	85	887	Depends on conc.	Depends on conc.	Depends on conc.	Depends on conc.	248	–	–	–
ANTICORIT RPC 5002	Corrosion protection concentrate, low-viscous	45	863					160	–	–	–
ANTICORIT MPC 5000	Corrosion protection concentrate, advanced corrosion protection and lubrication performance; is compatible with chlorinated hydrocarbons	90	890					240	–	–	–
ANTICORIT 03 W C	High-viscous, thixotropic corrosion protection concentrate	160	912					150	•	–	–

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Thixotropic Corrosion Protection Oils											
ANTICORIT BGO 15 X	Thixotropic corrosion protection oil with very good corrosion protection and lubrication properties	14	860	0.006	5	12-24	12-36	130	•	–	–
ANTICORIT TX 11	Thixotropic corrosion protection oil with lubrication properties	40	883	0.034	30 at 60 °C	6-12	12-24	160	•	–	•
ANTICORIT TW 16	High-viscous corrosion protection oil for hot application	32 at 50 °C	883	0.012	11 at 85 °C	6-12	12-24	170	•	–	–
ANTICORIT LSB	Thixotropic corrosion protection oil	140	907	0.011	10 at 70 °C	4-8	8-16	196	•	–	–
ANTICORIT BGI 14 X	Thixotropic corrosion protection oil with VCI	30 at 20 °C	860	0.005	4	12-24	12-36	130	•	•	–
ANTICORIT RP 4107 S	Thixotropic corrosion protection oil for still mill application on body-in-white strips, meets VDA 230-213	35	887	0.012	11	6-12	12-20	210	•	–	–
ANTICORIT RP 4107 LV	Low-viscous modification of ANTICORIT RP 4107 S, meets VDA 230-213	12	865	0.002	2	4-8	8-16	150	•	–	–
ANTICORIT PL 3802 39 S	First generation thixotropic prelube, meets VDA 230-213	60	910	0.012	11	6-12	12-20	180	•	–	•
ANTICORIT PLS 100 T	Second generation thixotropic prelube, meets VDA 230-213	100	910	0.012	11	6-12	12-20	180	•	–	•
ANTICORIT PL 3802 39 LV	Low-viscous modification of ANTICORIT PL 3802 39 S, suitable as blank washing oil, meets VDA 230-213	15	891	0.007	6	4-8	8-16	150	•	–	•
ANTICORIT PL 39 SX	Hotmelt for mill application, meets VDA 230-213	20 at 60 °C	895	–	–	6-12	12-20	175	•	–	•
ANTICORIT LBX 5000	High thixotropic corrosion protection with good lubricating properties, for heat application	10 at 100 °C	810	0.010	8 at 120 °C	6-12	12-24	240	•	–	•

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Mineral Oil-free Corrosion Protection Products											
ANTICORIT EB 1	Ester based corrosion protection oil for mill application, suitable for embalg sheets	17	951	–	0.3	–	1-3	175	–	–	•
ANTICORIT BML 3	Corrosion protection based on polyglycol, suitable for brake components	35	985	–	–	1-3	3-6	200	–	–	–
ANTICORIT SYNTH	Fully synthetic multipurpose oil, good lubrication properties	102	834	–	–	3-6	6-12	150	–	–	•
Solvent based Corrosion Protection Products											
ANTICORIT RPS 6201	Solvent based corrosion protection oil, 20% evaporation residue, D40 solvent	2.2 at 20 °C	800	0.003	2	6-9	12-18	>40	–	–	–
ANTICORIT RPS 7201	Solvent based corrosion protection oil, 20% evaporation residue, D60 solvent	3.3 at 20 °C	810	0.002	2	6-9	12-18	>60	–	–	–
ANTICORIT RPS 7601	Solvent based corrosion protection oil, 60% evaporation residue, D60 solvent	16.5 at 20 °C	840	0.006	5	9-12	18-24	>60	–	–	–
ANTICORIT 04 W 2	Pre-diluted corrosion protection oil, 75% evaporation residue, isoparaffin	32 at 20 °C	906	De- pends on conc.	De- pends on conc.	6-12	12-20	>60	•	–	–
ANTICORIT 04 W 2 VOC kon.	Pre-diluted corrosion protection oil, 75% evaporation residue, VOC-free according to 31. BlmSchV	47 at 20 °C	920	De- pends on conc.	De- pends on conc.	6-12	12-20	>90	•	–	–

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Water Displacing Corrosion Protection Products											
ANTICORIT DFO 6101	Dewatering fluid, leaving a thin, oily protection layer	1.8 at 20 °C	795	0.001	0.8	3-6	6-12	>40	–	–	–
ANTICORIT DFO 6301	Dewatering fluid, leaving a thick, oily protection layer	2.6 at 20 °C	821	0.002	2	6-12	12-24	>40	–	–	–
ANTICORIT DFO 7101	Dewatering fluid, leaving a thin, oily protection layer	2.8 at 20 °C	810	0.001	1	3-6	6-12	>60	–	–	–
ANTICORIT DFO 7301	Dewatering fluid, leaving a thick, oily protection layer	4.6 at 20 °C	825	0.002	2.5	6-12	12-24	>60	–	–	–
ANTICORIT DFO 8101	Dewatering fluid, leaving a thin, oily protection layer, isoparaffin	2.4 at 20 °C	780	0.001	1	3-6	6-12	>60	–	–	–
ANTICORIT DFO 8301	Dewatering fluid, leaving a thick, oily protection layer, isoparaffin	4 at 20 °C	800	0.002	2.5	6-12	12-24	>60	–	–	–
ANTICORIT DFO 9101	Dewatering fluid, leaving a thin, oily protection layer, VOC-free acc. to 31. BlmSchV	4.4 at 20 °C	820	0.001	1	3-6	6-12	>90	–	–	–
ANTICORIT DFO 9301	Dewatering fluid, leaving a thick, oily protection layer, VOC-free acc. to 31. BlmSchV	7.2 at 20 °C	835	0.002	2.5	6-12	12-24	>90	–	–	–
ANTICORIT DFW 6101	Dewatering fluid, leaving a thin, waxy protection layer	1.6 at 20 °C	795	0.001	1	3-6	6-12	>40	•	–	–
ANTICORIT DFW 6301	Dewatering fluid, leaving a thick, soft waxy protection layer	3.7 at 20 °C	813	0.002	2	6-12	12-24	>40	•	–	–
ANTICORIT DFW 7101	Dewatering fluid, leaving a thin, waxy protection layer	2.7 at 20 °C	800	0.001	1	3-6	6-12	>60	•	–	–
ANTICORIT DFW 7301	Dewatering fluid, leaving a thick, soft waxy protection layer	4.3 at 20 °C	820	0.002	2.5	6-12	12-24	>60	•	–	–
ANTICORIT DFW 8101	Dewatering fluid, leaving a thin, waxy protection layer, isoparaffin	3.5 at 20 °C	780	0.001	1	3-6	6-12	>60	•	–	–
ANTICORIT DFW 8301	Dewatering fluid, leaving a thick, soft waxy protection layer, isoparaffin	3.7 at 20 °C	800	0.002	2.5	6-12	12-24	>60	•	–	–

ANTICORIT

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Water Displacing Corrosion Protection Products											
ANTICORIT DFW 9101	Dewatering fluid, leaving a thin, waxy protection layer, VOC-free acc. to 31. BlmSchV	4.2 at 20 °C	820	0.001	1	3-6	6-12	>90	•	–	–
ANTICORIT DFW 9301	Dewatering fluid, leaving a thick, soft waxy protection layer, VOC-free according to 31. BlmSchV	6.7 at 20 °C	835	0.002	2.5	6-12	12-24	>90	•	–	–
ANTICORIT DFW 9302	Dewatering fluid, leaving a thick, soft waxy protection layer, VOC-free according to 31. BlmSchV	7.1 at 20 °C	841	0.002	2	6-12	12-24	>100	•	–	–
ANTICORIT DFW 9601	Dewatering fluid, leaving a very thick waxy protection layer, VOC-free according to 31. BlmSchV	10.4 at 40 °C	855	0.006	5	9-15	18-24	>100	•	–	–
Water-miscible, Oily Corrosion Protection Products											
ANTICORIT WMC 7000	Emulsifiable corrosion protection oil with medium performance	60	922	De- pends on conc.	De- pends on conc.	De- pends on conc.	De- pends on conc.	>175	–	–	–
ANTICORIT WMC 9000	Emulsifiable corrosion protection oil with high performance	100	942					>175	–	–	–
ANTICORIT WMC 9001	Emulsifiable oil with excellent corrosion protection for dipping applications	6	1.05					>150	–	–	–
ANTICORIT WMC 9002	Emulsifiable oil with high corrosion protection on steel and zinc, supports forming processes	100	0.91					>150	–	–	–
ANTICORIT MKR 10	Emulsifiable corrosion protection oil with high performance and thixotropic characteristics	128	931					>150	•	–	–
ANTICORIT WOK 50	Emulsifiable corrosion protection oil with high performance, semi stable emulsion	180	948					>190	–	–	–
Water-miscible, Synthetic Corrosion Protection Product											
ANTICORIT SKR 3001	Mineral oil-free (synthetic) corrosion protection concentrate	–	1030	De- pends on conc.	De- pends on conc.	–	<1	–	–	•	–

Corrosion Preventives

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Waxy Corrosion Protection Products											
ANTICORIT BW 10	Solvent containing corrosion protection wax, leaves a transparent touch dry film	FT - 4mm nozzle = 20s	822	0.022	18	6-24	12-36	>40	•	–	–
ANTICORIT BW 12	Solvent containing corrosion protection wax, leaves a transparent touch dry film	FT - 4mm nozzle = 17s	809	0.010	8	6-18	12-24	>60	•	–	–
ANTICORIT BW 366	Solvent containing corrosion protection wax, leaves a brownish touch dry film with very high corrosion protection properties	FT - 4mm nozzle = 60s	885	0.056	50	12-36	12-36	>60	•	–	–
ANTICORIT HKW 350	Solvent containing corrosion protection wax for cavity protection	FT - 4mm nozzle = 27s	950	0.032	30	12-36	12-36	>60	•	–	–
ANTICORIT CPX 3373	Solvent-free corrosion protection wax with very high performance, air curing properties	dyn. visc. at 300 1/min = 350m*Pas	1005	0.075	75	>36	>36	>135	•	–	–
ANTICORIT CPX 3373 LV	Solvent-free corrosion protection wax with very high performance, reduced thixotropic properties, easy to spray, air curing	dyn. visc. at 300 1/min = 170m*Pas	1005	0.030	30	>24	>24	>220	•	–	–
ANTICORIT CPX 3373 HV	Solvent-free corrosion protection wax with very high performance, air curing properties	dyn. visc. 300 1/min = 190m*Pas	1005	0.075	75	>36	>36	>160	•	–	–
ANTICORIT CPX 3373 UBC	Solvent-free high-viscous modification of ANTICORIT CPX 3373 for under body coating	dyn. visc. at 300 1/min = 500m*Pas	1005	–	–	>36	>36	>130	•	–	–
ANTICORIT CPW 9001	Water-miscible wax dispersion for automotive outer skin protection	–	1000	0.05	50	6-18	12-24	–	•	–	–

*) Value of pure product

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Product name	Description	Iron, Steel	Copper	Aluminium	Film weight [g/m ²]	Shed storage [Mon.]	Hall storage [Mon.]	FP [°C]	Thixotropic	VCI	Lubricating properties
Volatile Corrosion Inhibitor											
ANTICORIT VCI UNI O 40	Corrosion protection of closed systems like tanks and gear boxes. Miscible with diesel, gear oils, and other mineral oils	•	•	•	–	≤6	≤24	>120	–	•	–
ANTICORIT VCI UNI IP 30	Corrosion protection of closed packaging systems like blisters and card board boxes. Suitable for e. g. power train components and body in white parts	•	•	•	–	≤6	≤24	>60	–	•	–
ANTICORIT VCI FE W 50	Additive to improve corrosion protection properties of water based cleaners, cutting fluids and cooling fluids in closed systems	•	–	–	–	≤6	≤24	–	–	•	–
ANTICORIT VCI UNI W 50	Additive to improve corrosion protection properties of water based cleaners, cutting fluids and cooling fluids in closed systems	•	•	•	–	≤6	≤24	–	–	•	–
ANTICORIT VCI UNI S	Corrosion protection for easy application in already existing packaging solutions	•	•	•	–	≤6	≤24	–	–	•	–
ANTICORIT VCI UNI T	Corrosion protection for easy application in already existing packaging solutions. Suitable for small cavities	•	•	•	–	≤6	≤24	–	–	•	–
ANTICORIT VCI UNI G	Corrosion protection for easy application in already existing packaging solutions. Contains desiccants	•	•	•	–	≤6	≤24	–	–	•	–
ANTICORIT VCI UNI FI	VCI film for corrosion protection during shipping and storage (available as gusseted bags, flat films and others)	•	•	•	–	≤6	≤24	–	–	•	–
ANTICORIT VCI UNI P	VCI paper for protection during shipping and storage	•	•	•	–	≤6	≤24	–	–	•	–
ANTICORIT VCI FE P	VCI paper for protection of steel during shipping and storage	•	–	–	–	≤6	≤24	–	–	•	–

Corrosion Preventives

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Spray Cans							
ANTICORIT 5F	Rust preventative spray forming a film with active water displacement	3.7 at 20 °C	813	–	2.5	6-12	12-24
ANTICORIT BW 366	Solvent-based and durable high performance corrosion protection wax	FT 4mm nozzle = 60s	885	–	50	12-36	12-36
ANTICORIT DFG	Classic anti-corrosive oil and contact spray, multipurpose	84	887	–	5	6-12	12-24
ANTICORIT RPC	Rust preventative spray, after evaporation a highly viscous film is formed	84	887	–	5	6-12	6-24
ANTICORIT CPX 3373	Solvent-free and durable high performance corrosion protection wax	Dyn. visc. at 300 1/min = 350m*Pas	1005	–	50	>36	>36
ANTICORIT CPX 3373 UBC	Non-dripping and non-colored corrosion protection for vehicle underbody based on CPX technology	Dyn. visc. at 300 1/min = 500m*Pas	1.06	–	200	>36	>36
ANTICORIT SYNTH	Synthetic multipurpose oil	102	834	–	15	3-6	6-12
RENOCLEAN E	Highly effective degreaser for multipurpose use	1.7 at 20 °C	800	–	0	–	–
ANTICORIT RP 4107 S	Thixotropic corrosion protection oil, meets VDA 230-213	35	887	–	11	6-12	12-20

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Maintenance Fluids for Dewatering Products											
ANTICORIT DF 6000	Water displacement, leaving no residues, D40 solvent	1.2 at 20 °C	780	–	–	–	–	>40	–	–	–
ANTICORIT DF 7000	Water displacement, leaving no residues, D60 solvent	2.0 at 20 °C	795	–	–	–	–	>60	–	–	–
ANTICORIT DF 8000	Water displacement, leaving no residues, isoparaffin solvent	1.8 at 20 °C	777	–	–	–	–	>60	–	–	–
ANTICORIT DF 9000	Water displacement, leaving no residues, D90 solvent, VOC-free according to 31. BImSchV	2.8 at 20 °C	810	–	–	–	–	>90	–	–	–
ANTICORIT DFC 1001	Additive to enhance water displacement properties	6.2 at 20 °C	953 at 20 °C	–	–	–	–	>105	–	–	–

Forming Lubricants

RENOFORM



Product name	Description	Kin. visc. at 40 °C [mm²/s] DIN 51562	Density at 15 °C [KG/m³]	Copper strip test	Applica- tion	Materials	FP [°C]
RENOFORM MZA 08 T	Drawing oil for car body pressing used as spot lubricant	25	878	2	Drawing, deep- drawing	Steel and aluminium	154
RENOFORM MCO 3802 SN	Drawing oil for car body pressing, meets VDA 230-201	100	918	2	Drawing, deep- drawing	Steel and aluminium	142
RENOFORM MCO 3028	Suitable for drawing and deep-drawing of bodywork sheet metal for medium and difficult forming operations, meets VDA 230-201	130	918	4	Drawing, deep- drawing	Cold rolled, galvanised and aluminium surfaces	155
RENOFORM MCO 3028 LV	Mainly free of residues after evaporation, evaporation residue corresponds with RENOFORM MCO 3028	2.5 at 20 °C	775	4	Stamping, forming and easy drawing	Cold rolled, galvanised and aluminium surfaces	62
RENOFORM MCO 3028 MV	Additional lubricant in body construction for light to medium forming and punching operations	7	0.85	4	Light to medium drawings	Cold rolled, galvanised and aluminium surfaces	100

Non Water-miscible Cold Rolling Oils

RENOFORM WO 52 B	Rolling oil for cold rolling and skin pass	6	850	1	Cold rolling, rerolling, corrosion protection	Iron and non- ferrous metals	>100
RENOFORM WO 79 A	Rolling oil with high EP additivation	9	854	1	Cold rolling with high reduc- tions per pass	Iron and non- ferrous metals	>170

More products available on request.