

# Manufacturing Programme



Rexnord Kette GmbH & Co. KG, Betzdorf



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## Lubricating Fluids

- Hydraulic oils
- Gear oils
- Chain oils
- Wire rope lubricants
- Rapid rust looseners
- Lubricating fluids for the food industry
- Oils for compressed air tools
- Chemically-resistant high temperature fluids
- Lubricating fluids for railway applications

Modern lubricating fluids today cover a far wider spectrum than some years ago, when fluids based on mineral oils represented by far the biggest share of the fluid lubricants market. New production and manufacturing processes, higher capacity utilisation of machines, reduced time and personnel resources in maintenance and service have promoted the development of more and more specialised lubricants.

The extensive lubricating fluids programme of FUCHS LUBRITECH offers the widest choice of products for use in for-life and total loss lubrication. Apart from the traditional fluids based on mineral oils, there is a range of synthetic fluids available for use in high and low temperature applications. In addition there are fluid lubricants available for use in the food industry and in areas where environmental constraints have to be addressed.




Product	Product code	Base oil	Temperature range in °C	Viscosity index	Pourpoint in °C	Flash Point in °C	Base oil viscosity at 40°C [mm <sup>2</sup> /s]	Packages	Available as spray	Environmentally harmless
	Classification	Short description								

### Lubricating fluids for the food industry

GERALYN FLUID	1289	White oil	-20 / +100		-21		70	5, 60l		
		Food grade lubricating fluid								

Approvals/Recommendations: Babcock, BAG

### Oils for compressed air tools




KOMPRANOL 1002	1335	Mineral oil	-40 / +80			> 150	11	5, 60l		
		Lubricating and conservation fluid for compressed air tools								
KOMPRANOL GRÜN	3090	synthetic	-60 / +90				20	5l / Drum		
		Environmentally harmless lubricating and conservation fluid for compressed air tools								

### Chemically-resistant high temperature fluids

ONTROPEEN 10	1327	synthetic	-60 / +180	35	-66	without	8	1kg		
		Chemically resistant lubricating fluid								
ONTROPEEN 40	1328	synthetic	-30 / +260	108		without	78	1kg		
		Chemically resistant lubricating fluid								

Approvals/Recommendations: BAM






### Lubricating fluids for railway applications

TRAMLUB S 3	1375	synthetic	-25 / +100				165	60l / Drum		
		Environmentally harmless rail flank and wheel flange fluid								
TRAMLUB S 4	1376	synthetic	-30 / +100				36	Drum		
		Environmentally harmless rail flank and wheel flange fluid								
TRAMLUB S 5	2387	synthetic	-30 / +100		-39		69	60l / Drum		
		Environmentally harmless rail flank and wheel flange fluid								

Approvals/Recommendations: Bosch Rexroth, REBS, Secheron

Detailed approvals for products and special viscosities are available on request!

Product	Product code	Base oil	Temperature range in °C	Viscosity index	Pourpoint in °C	Flash Point in °C	Base oil viscosity at 40°C [mm <sup>2</sup> /s]	Packages	Available as spray	Environmentally harmless
	Classification	Short description								

Hydraulic oils										
ECO-HYD 32 S	1694	synthetic	-30 / +150	188	-39	290	32	Drum		
	HLPE 32	Environmentally harmless, based on synthetic ester								
ECO-HYD 46 S	2358	synthetic	-30 / +150	186	-42	290	46	Drum		
	HLPE 46	Environmentally harmless, based on synthetic ester								
ECO-HYD 46 S-NWG	3253	synthetic	-30 / +150	190	-39	290	46	Drum		
	HLPE 46	Environmentally harmless, based on synthetic ester								
ECO-HYD 68 S	2868	synthetic	-30 / +150	177	-39	300	68	Drum		
	HLPE 68	Environmentally harmless, based on synthetic ester								
ECO-HYD S PLUS		synthetic	-30 / +150	146	-35	> 220	46	Drum		
	HLPE 46	Environmentally harmless, based on synthetic ester								

**Approvals/Recommendations:** Argo, Bosch Rexroth, Pekrun, Polysius, Still








Gear oils										
GEARMASTER CLP 100	2692	Mineral oil	-15 / +120	97	-24	231	100	Drum		
	CLP 100	Mineral-oil based high performance gear oil								
GEARMASTER CLP 150	2693	Mineral oil	-15 / +120	96	-24	264	150	Drum		
	CLP 150	Mineral-oil based high performance gear oil								
GEARMASTER CLP 220	2694	Mineral oil	-15 / +120	96	-24	224	220	Drum		
	CLP 220	Mineral-oil based high performance gear oil								
GEARMASTER CLP 320	2032	Mineral oil	-15 / +120	96	-21	220	320	Drum		
	CLP 320	Mineral-oil based high performance gear oil								
GEARMASTER CLP 460	2486	Mineral oil	-10 / +120	93	-15	230	460	Drum		
	CLP 460	Mineral-oil based high performance gear oil								
GEARMASTER CLP 680	2697	Mineral oil	-10 / +120	90	-15	244	680	Drum		
	CLP 680	Mineral-oil based high performance gear oil								

**Approvals/Recommendations:** Aumund, Flender, KHD, Krupp Fördertechnik, Pekrun, Gebr. Pfeiffer, Polysius, F. L. Smidth, Stahl Fördertechnik

GEARMASTER CLPF 100	1661	Mineral oil	-15 / +120	100	-27	200	100	Drum		
	CLPF 100	High performance gear oil containing MoS <sub>2</sub>								
GEARMASTER CLPF 220	1662	Mineral oil	-10 / +120	98	-18	200	220	Drum		
	CLPF 220	High performance gear oil containing MoS <sub>2</sub>								
GEARMASTER CLPF 320	1663	Mineral oil	-10 / +120	98	-15	205	320	Drum		
	CLPF 320	High performance gear oil containing MoS <sub>2</sub>								
GEARMASTER CLPF 460	1664	Mineral oil	-5 / +120	92	-12	215	460	Drum		
	CLPF 460	High performance gear oil containing MoS <sub>2</sub>								
GEARMASTER CLPF 680	1665	Mineral oil	-5 / +120	90	-12	225	680	Drum		
	CLPF 680	High performance gear oil containing MoS <sub>2</sub>								
GEARMASTER CLPF 1500	2025	Mineral oil	+5 / +120	90	+6	222	1500	Drum		
	CLPF 1500	High performance gear oil containing MoS <sub>2</sub>								

**Approvals/Recommendations:** CMD, Gebr. Pfeiffer, Stahl Fördertechnik

Product	Product code	Base oil	Temperature range in °C	Viscosity index	Pourpoint in °C	Flash Point in °C	Base oil viscosity at 40°C [mm <sup>2</sup> /s]	Packages	Available as spray	Environmentally harmless
	Classification	Short description								

Gear oils										
GEARMASTER ECO 68	1672	synthetic	-30 / +150	175	-48	290	68	Drum		
	CLPE 68	Environmentally harmless high performance gear oil, based on synthetic ester								
GEARMASTER ECO 100	2183	synthetic	-30 / +150	172	-48	290	100	Drum		
	CLPE 100	Environmentally harmless high performance gear oil, based on synthetic ester								
GEARMASTER ECO 150	2690	synthetic	-30 / +150	164	-45	280	150	Drum		
	CLPE 150	Environmentally harmless high performance gear oil, based on synthetic ester								
GEARMASTER ECO 220	1095	synthetic	-30 / +150	164	-48	280	220	Drum		
	CLPE 220	Environmentally harmless high performance gear oil, based on synthetic ester								
GEARMASTER ECO 320	2180	synthetic	-30 / +150	160	-45	270	320	25l / Drum / Container		
	CLPE 320	Environmentally harmless high performance gear oil, based on synthetic ester								
GEARMASTER ECO 460	2363	synthetic	-30 / +150	167	-45	290	460	Drum		
	CLPE 460	Environmentally harmless high performance gear oil, based on synthetic ester								
GEARMASTER ECO 680	2473	synthetic	-30 / +150	172	-39	290	680	Drum		
	CLPE 680	Environmentally harmless high performance gear oil, based on synthetic ester								

**Approvals/Recommendations:** Bosch Rexroth, FAG, Flender, Jahnel Kestermann, KHD, Pekrun, SKF

GEARMASTER PGP 100	2829	Polyglycol	-30 / +150	212	-36	220	100	Drum		
	CLP-PG 100	High performance gear oil, based on polyglycols								
GEARMASTER PGP 150	2830	Polyglycol	-30 / +150	221	-39	230	150	Drum		
	CLP-PG 150	High performance gear oil, based on polyglycols								
GEARMASTER PGP 220	2831	Polyglycol	-30 / +150	230	-39	250	220	Drum		
	CLP-PG 220	High performance gear oil, based on polyglycols								
GEARMASTER PGP 320	1499	Polyglycol	-30 / +150	241	-39	270	320	Drum		
	CLP-PG 320	High performance gear oil, based on polyglycols								
GEARMASTER PGP 460	1658	Polyglycol	-30 / +150	251	-39	290	460	Drum		
	CLP-PG 460	High performance gear oil, based on polyglycols								
GEARMASTER PGP 680	1659	Polyglycol	-20 / +150	275	-30	290	680	Drum		
	CLP-PG 680	High performance gear oil, based on polyglycols								
GEARMASTER PGP 1000	1657	Polyglycol	-20 / +150	290	-33	290	1000	Drum		
	CLP-PG 1000	High performance gear oil, based on polyglycols								

**Approvals/Recommendations:** FAG, Flender, Pekrun, Gebr. Pfeiffer, Polysius, F. L. Smidth

GEARMASTER SYN 68	2682	PAO	-30 / +150	149	-51	250	68	Drum		
	CLP-HC 68	High performance gear oil, based on synthetic hydrocarbons								
GEARMASTER SYN 100	2683	PAO	-30 / +150	149	-45	250	100	Drum		
	CLP-HC 100	High performance gear oil, based on synthetic hydrocarbons								
GEARMASTER SYN 150	2684	PAO	-30 / +150	147	-39	250	150	Drum		
	CLP-HC 150	High performance gear oil, based on synthetic hydrocarbons								
GEARMASTER SYN 220	2452	PAO	-20 / +150	148	-36	260	220	Drum		
	CLP-HC 220	High performance gear oil, based on synthetic hydrocarbons								
GEARMASTER SYN 320	2685	PAO	-20 / +150	145	-33	280	320	Drum		
	CLP-HC 320	High performance gear oil, based on synthetic hydrocarbons								
GEARMASTER SYN 460	2686	PAO	-20 / +150	150	-33	300	460	Drum		
	CLP-HC 460	High performance gear oil, based on synthetic hydrocarbons								
GEARMASTER SYN 680	2687	PAO	-20 / +150	159	-33	280	680	Drum		
	CLP-HC 680	High performance gear oil, based on synthetic hydrocarbons								
GEARMASTER SYN 1000	3688	PAO	-15 / +150	165	-22	200	1000	Drum		
	CLP-HC 1000	High performance gear oil, based on synthetic hydrocarbons								

**Approvals/Recommendations:** Flender, Jahnel Kestermann, Pekrun, F. L. Smidth

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	Classification	Short description								

Chain oils										
STABYLAN 2001	1337	semi-synthetic	-15 / +150		-19	> 290	215	5l / Drum		
	Semi-synthetic chain lubricant									
STABYLAN 3001	1347	synthetic	-10 / +220		-19	> 260	160	5l / Drum		
	Fully synthetic chain lubricant									
STABYLAN 3080	1348	Mineral oil	-25 / +80		-25	> 200	100	5l / Drum		
	Mineral oil based chain lubricant									
STABYLAN 5000	2371	synthetic	-10 / +240	105	-30	> 260	100	5l / Drum		
	Fully synthetic high temperature chain lubricant									
STABYLAN 5001	5995	synthetic	-15 / +240	91	-20	> 260	180	5l / Drum		
	Fully synthetic high temperature chain lubricant									
STABYLAN 5006	1477	synthetic	0 / +240		-7	> 260	3000	5l / Drum		
	Fully synthetic high temperature chain lubricant									
STABYLAN 6020	3320	synthetic	-20 / +260		-20	> 290	140	5l / Drum		
	Fully synthetic chain lubricant for extremely high temperatures									
STABYLAN ECO 20	0142	synthetic	-40 / +160				81	5l / Drum		
	Biodegradable lubricating fluid									
STABYLAN ECO W 10	0116	synthetic	-30 / +110				18	5, 50l		
	Biodegradable synthetic oil with white solid lubricants									
STABYLAN G 1000	2395	Mineral oil	-30 / +100		-38	158	40	5l / Drum		
	Chain lubricant with graphite									
STABYLAN MO 3001	1350	synthetic	-10 / +220		-19	> 260	160	5, 60l		
	Chain lubricant with MoS <sub>2</sub>									
STABYLAN SI 310	0140	Silicone	-40 / +200		-46	> 300	11000	5l		
	High viscous silicone oil based lubricating, release and maintenance fluid									
STABYLAN W 880	0160	Mineral oil	-30 / +70			73	19,5	5l / Drum		
	Mineral oil based lubricating fluid with white solid lubricants									

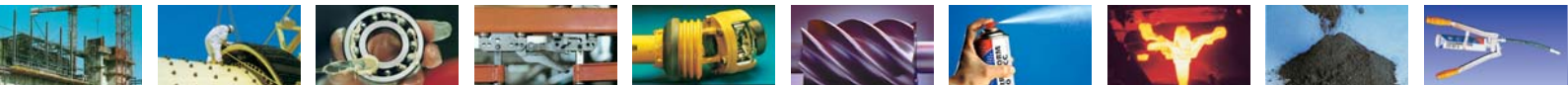
**Approvals/Recommendations:** Babcock, Brückner Leonberg, DaimlerChrysler, Dürr, Eisenmann, Leitner, Gebr. Pfeiffer, Polysius

Wire rope lubricants										
CEDRACON	1331	Mineral oil	-35 / +65			70		5l / Drum		
	Wire rope and conservation fluid with graphite									
CEDRACON K	1333	Mineral oil	-30 / +70			> 40		5l / Drum		
	Wire rope and conservation fluid with solvent									
CEDRACON S 3	1310	semi-synthetic	-40 / +80			< 21		5, 60l		
	Environmentally harmless lubricant for wire rope conservation, with solvent									

**Approvals/Recommendations:** Casar, Leitner

Rapid rust looseners										
FERROFORM 3 R	1831	Mineral oil				> 80		5l		
	Rust loosener with graphite									
FERROFORM ECO LOCC	1443	synthetic				> 100		5l / Drum		
	Synthetic environmentally harmless rust loosener									
FERROFORM LOCC	1830	Mineral oil				> 55		5l / Drum		
	Mineral oil based rust loosener									

## Product range



**Release Agents** - Cleaner and release agents for bitumen and concrete in building construction/civil engineering and pre-cast concrete plants.

**Adhesive Lubricants** - Highly graphited lubricants for a wide application range. Also recommended for high-temperature lubrication.

**Lubricating Greases** - Different greases for plain and anti-friction bearings, rail-, wheel flange and switch lubricants and food grade greases.

**Lubricating Fluids** - Lubricating fluids for lifetime and loss lubrication of chains, wire ropes and compressed air tools.

**Pastes and Grease Pastes** - MoS<sub>2</sub>-pastes, white lubricating pastes, grease pastes and high-temperature pastes.

**Solid Film Lubricants** - Solvent or water-based lubricants reducing friction and wear. Extremely resistant against pressure, high and low temperatures.

**Aerosols** - Sprayable release agents, adhesive lubricants, lubricating greases and fluids, pastes, grease pastes and solid film lubricants.

**Metal Forming Lubricants** - Water- and non-water-miscible lubricants for hot forming. Die casting release agents and auxiliary casting materials.

**Chemo-technical Products** - Solid lubricants as powder, corrosion protection products, cleaner and thinner for numerous application areas.

**Application Equipment** - One- and two-handed patented grease guns ("System Reiner"), hand lever grease guns, spray nozzles and equipment for die-casting technology.

**GLASOL - Lubricants for the Glass Industry** - Cutting oils, grinding fluids, separating agents and coolants for use in the manufacture of flat/plate glass, container glass and optical glass.



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