



Plurasafe[®] Lubricants

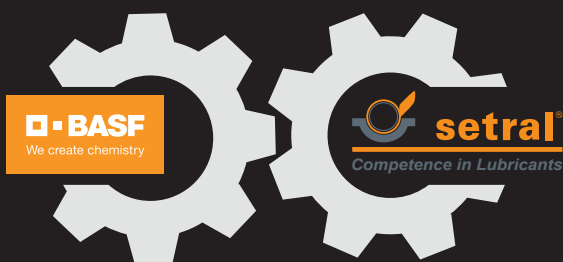
Production and Distribution of Selected Industrial Lubricants

setral[®] has taken over the production, global distribution and further development of selected Plurasafe[®] industrial lubricant products:



- PLURASAFE[®] GL FG
- PLURASAFE[®] GL PG
- PLURASAFE[®] GL WI
- PLURASAFE[®] MP
- PLURASAFE[®] Quenchant
- PLURASAFE[®] PE Cable

A COLLABORATION OF



setral[®] - Competence in Lubricants

setral[®] has been researching, developing and manufacturing special high-performance lubricants for more than 50 years. Represented in over 80 countries we serve almost all industries. As your innovative and agile technology partner we leverage our R&D and production capabilities to meet your specific requirements.



For more information about individual products, technical or safety data sheets, please visit our website or contact our experts: info@setral.net

A COLLABORATION OF



PRODUCT	BASE OIL	ISO VG / VISCOSITY AT 40 °C	TEMPERATURE RANGE [°C]	DESCRIPTION	SPECIAL
GEAR OILS					
PLURASAFE® GL FG 	PAG water soluble	150 220 320 460 680 1000	-30 to +140	Fully synthetic HI high performance gear oils based on polyalkylene glycol for the food and pharmaceutical industry. For the lubrication of helical, bevel helical, planetary and worm gears in the food and pharmaceutical industry	FLENDER approval for worm, helical, bevel and planetary gear units (A + B, revision 13)
PLURASAFE® GL PG	PAG water soluble	150 220 320 460 680	-35 to +150	Fully synthetic, high performance gear oils based on polyalkylene glycol for demanding operating conditions. Excellent EP properties and corrosion protection with high thermal stability	FLENDER approval for helical-, bevel- and planetary gear units (A + B to 15.06.2023)
PLURASAFE® GL WI	PAG water in-soluble	150 220 320 460	-35 to +150	Fully synthetic, high performance gear oils based on polyalkylene glycol with excellent corrosion properties and EP and AW additives which allows extended drain intervals and possibly lifetime lubrication	The anticipated service lifetime of all grades is substantially in excess of 10000 hours at 100°C
SPECIAL OILS					
PLURASAFE® MP 7	PAG	78	-35 to +150	Synthetic high-quality fluids formulated with polyalkylene glycol, anti-oxidants and anti-rust additives for general corrosion protection of steel parts	All in one product: Excellent long-term corrosion protection, basic lubrication, assembly and testing fluid
PLURASAFE® MP 11		228	-40 to +150		
PLURASAFE® Quenchant	Aqueous solution from PAG	450	-	Non-flammable polymeric quenchant for ferrous and non-ferrous heat treatment applications	Produces clean components ready for further processing with maximum flexibility in the heat treatment of metals
PLURASAFE® PE Cable	PAG water soluble	18000	-	Polyethylene (PE) extrusion lubricant for the production of high power electric cables with high thermo-oxidative stability up to 240 °C	Minimal risk of staining or discoloration of PE, resistant to the peroxide linkers, does not prevent cross linking



Setral Chemie GmbH and Sétral S.à.r.l. are each certified according to DIN EN ISO 9001, DIN EN ISO 21469 and DIN EN ISO 14001.

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CLIMATE POSITIVE COMPANY
certified by Fokus Zukunft

setral® offsets the greenhouse gases generated by its business activities with climate certificates in double the amount.

www.setral.net