



Texol Gearsyn™ OG Series

Technical Data Sheet

Texol Gearsyn™ OG Series

Premium performance extreme pressure open gear lubricants

Product Description

Texol Gearsyn™ OG lubricants are formulated to minimize wear and provide shock load protection during typical operations.

Texol Gearsyn™ OG lubricants contains MoS₂ (molybdenum disulfide) for easy application by hand or through automatic lubrication systems. Texol Gearsyn™ OG lubricants are dark gray to black, viscous lubricants formulated without an asphaltic base and non-chlorinated solvent. They provide a high film strength coating on gear teeth to minimize wear.

Texol Gearsyn™ OG lubricants are designed to provide tacky, tenacious lubricant films on open gears operating under severe shock load conditions.

Texol Gearsyn™ OG lubricants can also be used to lubricate chains, sprockets, wire rope, and cables. When used as a cable coating, the diluent allows the lubricant to penetrate into the core, thus carrying the lubricant into the individual strands and minimizes wear as the cable is run through sheaves or onto a winch drum.

Customer benefits

- Lowers operating temperatures - extends gear life, reduces operating expenses
- High film strength provides excellent anti-wear protection to gear teeth under high, shock load conditions.
- Easily applied with brushes, swabs or through automatic lubrication systems.

Applications and Uses

Texol Gearsyn™ OG lubricants are recommended for many types of open gears, wire ropes, and cables. They can be applied by brush, by swab or by automatic lubrication systems.

- Girth and pinion gears on rod and ball mills
- Rack and pinion gears on shovel dipsticks
- Swing and pinion gears on top of the lower frame of shovels and draglines, which are sometimes served with an automatic lubrication system.

The statements made in this publication are according to our present knowledge. They do not absolve the user from own examinations. A legally binding assurance of certain properties or suitability for a specific use can no be derived from our statements. Possibly existing laws and regulations concerning the handling and use of our products have to be observed by the receiver of our products himself.



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Typical Properties

Property (Unit)	OG 500	OG 1000	OG 2000	OG 3000	OG 5000	Method
Density at +15 °C	891	895	925	945	987	DIN 51757
Viscosity @40°C, cSt	500	1000	2000	3000	5000	DIN 51550
Viscosity Index	135	138	140	142	155	DIN ISO 2909
Flash Point, °C	206	213	227	235	240	DIN ISO 2592
Pour Point, °C	-38	-34	-30	-22	-18	DIN ISO 3016
Four ball weld load, N	5600	6200	6900	7500	8600	DIN 51350-02
Four ball wear test, mm			0.60			DIN 51350-03
Timken OK Load, lb			40			ASTM D2782

Notes for Use

- Condensation water may be absorbed without the danger of corrosion or a change in viscosity.
- Texol Gearsyn OG™ lubricants are compatible with seals, e.g. NBR, FPM.