



Texol Turbosyn™ PG 100

Technical Data Sheet

Texol Turbosyn™ PG 100

Fully synthetic gas and turbo compressor oils

Product Description

Ultra high performance, high temperature gas and turbo compressor lubricant formulated with hydro-treated PAG base stocks and premium performance ashless additive technology designed to give reliable, long-service protection at sustained high temperatures.

Texol Turbosyn™ PG 100 is a fully synthetic lubricant, designed for use in hydrocarbon, ammonia and chemical gas compressors.

Customer benefits

- Very high temperature oxidation stability (up to +100°C bulk oil temperature and bearing housing temperature)
- Minimum lubricant dilution ensures long-term system protection and component service life.
- Will tolerate low-level water contamination and resist corrosion, extending oil drain periods.
- Rapid gas separation reduces foaming, maintaining lubrication performance
- Suitable for use with a range of hydrocarbon and chemical gases, simplifying inventories.
- Protects valves and bearings from sludge and acidic by products of oxidation
- Long-term wear protection extends turbine service life, improving operating economics
- Clear water soluble
- Include detergent inhibitor, viscosity index improver and AF,AW,EP additives
- Fast air release and good foam suppression protects turbine bearings
- Multi-purpose turbine and compressor applications reduce inventories

Applications and Uses

- Recommended for all types of industrial gas and steam turbines, with and without gearboxes operating at high temperatures (up to +100°C bulk oil temperature)
- Texol Turbosyn™ PG 100 is designed for enclosed gas compressors where the crankcase and bearings operate in a gas-filled atmosphere.
- Suitable for the compression of liquefied petroleum gases such as propane and butane, liquefied natural gases such as methane, ethane, and oxygen, hydrocarbon chemical gases such as ethylene, propylene and butylenes and chemical gases such as vinyl chloride, ammonia and butadiene.
- Also widely used in combined cycle installations
- Recommended for the lubrication of a wide range of equipment associated with turbines. This includes turbo compressors, bath and circulating systems supplying bearings of all types, lightly to moderately loaded gear sets, pumps, electric motors and low to moderate pressure hydraulic systems.



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Visc.Kinematic at 40°C	100	ISO 3104
Visc. Index	158	ISO 2909
Colour	0.5	ISO 2049
Flash Point °C	265	ISO 2592
Pourpoint °C	-34	ISO 3016
Density, 15°C, Kg/l	1.187	ASTM D1298
Steel and Aluminium Corrosion	0	DIN 51355 Test A

Technical Expertise

Texol experts on Texol Turbosyn™ PG Lubricants are regionally located to respond to your needs. Whether you have a question about products, applications or regulations, Texol offers comprehensive customer and technical service.

Product Stewardship

Texol encourages its customers and potential users to review their applications from the standpoint of human health and environmental aspects. To help ensure that Texol products are not used in ways for which they are not intended or tested, Texol personnel will assist customers in dealing with environmental and product safety considerations. Texol literature, including Material Safety Data Sheets (MSDS), should be consulted prior to the use. MSDS are updated regularly, therefore, please request and review the most current MSDS before handling or using any product. MSDS are available from the nearest Texol sales office.

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