Gulf GEARTEK PG

(Previously Known as Gulf Synthetic Gear Oil) Synthetic heavy-duty industrial gear oil

Product Description

Gulf GEARTEK PG series are synthetic heavy duty industrial gear oils offering outstanding lubrication performance and load carrying capacity under severe operating conditions including shock loading. These are formulated from water soluble Polyalkylene Glycol (PAG) base stocks which are known for providing excellent micro-pitting resistance, thermal properties, excellent low temperature fluidity, EP properties and oxidation resistance. The combination of extremely high viscosity index base stocks coupled with high performance additive technology provides excellent thermal stability, protection against scuffing and resistance against micro pitting under wide operating temperature range

Features & Benefits

- Outstanding load carrying capability and micro-pitting resistance protects gears against scuffing and wear leading to enhanced equipment life and reduced maintenance costs
- Superior thermo-oxidative stability provides enhanced system cleanliness and enables longer service intervals
- Excellent resistance to rust and corrosion protection ensures trouble free operation
- Good seal and paint compatibility with a wide variety of seals and paints

Applications

- ISO VG 150 – 680 meets the Siemens (Flender) T7300 A+B specification for Flender Helical, Bevel, Worm and Planetary gear units
- ISO VG 320 is specifically developed for lubrication of wind turbine gear box manufactured by Hansen, Flender, Rexroth, FAG, etc where such quality lubricants are recommended
- Heavy-duty industrial enclosed gear boxes operating under severe conditions like high load, extreme temperatures and wide temperature ranges
- Fill for life systems, chain and conveyors, kiln and ovens, textile lubricants
- Bearing and circulation systems where high temperatures are encountered

Materials Compatibility

- Compatible with common seal and gasket materials
- For high temperature applications, Nitrile Rubber (NBR), Fluoro-Silicone or Vinyl-Metyl Poly siloxane (Q) are recommended
- Ordinary industrial paints soften in presence these products, internal gearboxes surfaces should be unpainted or coated with resistant materials.

Specifications, Approvals & Typical Properties

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Properties mentioned are typical only and minor variations, which do not affect product performance, are expected to arise in normal manufacturing processes. Please follow equipment manufacturer's recommendations for performance level and viscosity grade. The Safety Data Sheet for this product is available from your nearest Gulf Distributor. Please consult our local representative if any further information is required.

The information contained herein is believed to be correct at the time of publication and may be subject to modification from time to time. It is the user's responsibility to verify that this data sheet is current prior to using the product. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of products. Gulf Oil International reserves the right to modify and change its products and specifications without prior notice.

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ISO Viscosity Grade		150	220	320	460	680	1000
Meet the following Specifications							
DIN 51517 Part 3 CLP		X	X	X	X	X	X
ISO 12925-1 CKPG, CSPG and CTPG		X	X	X	X	X	X
David Brown Type G Lubricant		X	X	X	X		
Siemens (Flender) T 7300 A+B		X	X	X	X	X	
Has the following Approvals							
ELECON		X	X	X	X	X	
Typical Properties							
Test Parameters	**ASTM Method**	**Typical Values**					
Viscosity @ 40 ºC, cSt	D 445	159	230	330	470	690	1000
Viscosity Index	D 2270	230	235	245	252	263	293
Flash Point, ºC	D 92	>290	>290	>290	>290	>290	>264
Pour Point, ºC	D 97	-42	-42	-39	-36	-36	-39
Density @ 15ºC, Kg/l	D 1298	1.054	1.058	1.062	1.065	1.070	1.056
FZG, fail load stage A/8.3/90	ISO 14635-1	>12	>12	>12	>12	>12	>12

Note: These products should not be mixed with mineral oil or PAO based products.

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