



Gulf Gear WT

High performance Industrial Gear Oil

Product Description

Gulf Gear WT series are high performance extreme pressure oils designed for lubrication of heavy duty industrial gears. These are formulated with high quality mineral base oils along with specially selected additive technology to provide excellent load carrying capacity even under extreme conditions including shock loading. These heavy duty Industrial gear oils provide excellent protection against scuffing and resistance against micro-pitting in the gear boxes under wide operating temperature range and meets latest Flender specifications.

Features & Benefits

- Excellent load carrying and anti-friction characteristics reduce gear tooth and bearing wear.
- Good oxidation and thermal stability help withstand high thermal loading and keeping system clean by resisting sludge built up.
- Excellent micro-pitting performance to reduce the risk of premature failure due to surface distress.
- Special additive technology helps in clean gear performance under condition of high temperature and oxidation.
- Protects system from rust and corrosion even in presence of water contamination.
- Compatible with generally used inside gear box paints and standard sealing materials.

Applications

- Heavy duty Industrial gear transmissions requiring EP performance.
- Circulating and splash lubricated systems.
- Steel gear transmissions.
- Recommended for use in gear boxes that requires lubricants meeting Flender specification.

Note:

- 1) While changing the gear oil, drain off the previous oil completely and inspect internally. Flush the gear box with fresh Gulf Gear WT. Drain the flushed oil and then fill with fresh Gulf Gear WT. For complete benefit, Gulf Gear WT should not be mixed with other lubricants.
- 2) Not recommended for use in automotive hypoid gears.

Specifications, Approvals & Typical Properties

Meets the following Specification		VG 68	VG 100	VG 150	VG 220	VG 320	VG 460	VG 680
DIN 51517 Part III, AGMA 9005-E02 (EP)		X	X	X	X	X	X	X
Flender FVA 54/7, AIST 224		X	X	X				X
Has the following Approval								
Siemens Revision 13 for Flender gear units					X	X	X	
Typical Properties								
Test Parameters	ASTM	Typical Values						
Viscosity @ 40 °C, cSt	D 445	66.16	101.2	145.2	221	322	462	682.4
Viscosity Index	D 2270	100	97	96	97	98	98	91
Flash Point, °C	D 92	228	240	246	256	258	278	255
Density @ 15°C, Kg/l	D 1298	0.885	0.889	0.893	0.894	0.899	0.900	0.932
Pour Point	D 97	-15	-15	-12	-15	-15	-9	-6
Copper Corrosion (3 hour @100 °C)	D130	1a	1a	1a	1a	1a	1a	1a
FZG scuffing load stage (A/16.6/90)	DIN ISO 14635-1	12	>12	>12	>12	>12	>12	>12

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Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. The above information is based on past history of the grade only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available from your nearest Gulf Distributor.

Gulf Oil International

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