

DIVYOL GEAR OILS XF

Applications:

Divyol Gear Oils XF is a series of premium quality heavy duty gear oils designed to lubricate modern industrial gear boxes working under extreme pressure conditions. The XF grades are known to provide clean gear performance and excellent protection against micro pitting wear. These gear oils are recommended for splash or circulation lubrication of all types of enclosed gears especially for heavy loads, high speeds and high relative sliding velocities at elevated, ambient and operating temperatures in power, steel, cement and paper industries. These types of oil are recommended for the lubrication of bevel spur, helical and planetary gear boxes.

Standards:

Divyol Gear Oils XF have earned Siemens MD approval for Flender gear boxes Revision 15 and also conform to DIN 51517 (CLP) Part III (2014); AGMA 9005-F16 Anti scuff; AIST 224; David Brown S1.53.101 TYPE MA & E; ISO:12925-1 (CKC/CKD); GB 5903-2011 (CKD) and Fives Cincinnati EP Gear Oils performance standards.

Advantages:

Divyol Gear XF series oils offer excellent protection against rust and corrosion, enhanced oxidation stability and resistance to foaming. The blends' inherent friction modifying characteristic reduces the friction which in turn enhances gear efficiency and reduces power consumption. They provide excellent oxidation and thermal stability, effective resistance to micro pitting, enhanced anti-wear and extreme pressure properties. They also have excellent demulsibility and very low foaming tendency.

Typical properties:

Sr. No.	Characteristics	Test Method	Divyol Gear Oils XF				
			ISO VG 150	ISO VG 220	ISO VG 320	ISO VG 460	ISO VG 680
1	Appearance	Visual	Bright and clear	Bright and clear	Bright and clear	Bright and clear	Bright and clear
2	Kinematic viscosity at 40 °C, ±10%, cSt	ASTM D 445	150	220	320	460	680
3	Viscosity index, min.	ASTM D 2270	95	95	95	90	95
4	Flash point, COC, °C, min.	ASTM D 92	230	230	230	250	240
5	Pour point, °C max.	ASTM D 97	-6	-9	-9	-9	-3
6	Copper corrosion at 100 °C	ASTM D 130	1b	1b	1b	1b	1b
7	FZG fail load stage (A 8.3/90)	DIN 51354 / ISO:14635	>12	>12	>12	>12	>12
8	FZG micro pitting resistance (90°C) fail load stage, GFT rating	FVA 54/7	>10 High	>10 High	>10 High	>10 High	>10 High
9	Timken OK load, lbs., min.	ASTM D 2782	60	60	60	60	60
10	Weld load, kg, min.	ASTM D 2783	250	250	250	250	250

The above properties are typical values and do not constitute specification of the product.

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