

Gear Oils XF

Description :

Divyol Gear Oils XF series are premium quality range heavy duty gear oils designed to lubricate modern industrial gear boxes working under extreme pressure conditions. XF grades provide clean gear performance and excellent protection against micro pitting and wear. These are all premium industrial gear oils formulated with high viscosity base oils and advanced additive technology to ensure optimal equipment protection even in extreme conditions.

Performance Level : Meets

US Steel 224,
Fives of Cincinnati EP Gear Oils,
AGMA 9005-F 16 AS,
DIN 51517 Part I, Part II, Part III,
GE D 50E35,
ZF TE ML04H
David Brown S1, 53-101 Type, M, A & E,
ISO 12925-1 CKC / CKD,
Siemens MD Approval for flender gear boxes, Revision 17,
Chinese GB 5903-L-CKC / 1 - CKD,
Danieli 0-000-001 CKC,
GM LS 2 EP Gear Oils,
BIS 8406:1993 (Reaffirmed 2016),
Renk 36011:11,
Schaeffler step 1 to 4,
Schuler Pressen (ex Muller Weingarten) DT 55055 01.2013,
ZF Witten ZN-W-17-145 (Except travel gears).

Application :

Divyol Gear Oils XF are recommended for splash or circulation lubrication of all types of flender enclosed gears such as Bevel, Spur, Helical & Planetary gear Boxes working under heavy loads and high relative sliding velocities at elevated ambient and operating temperatures in Power, Steel, Cement and Paper industries.

Typical Physical Characteristics :

Sr. No.	Characteristics	Test Method	Gear Oils XF				
			ISO VG 150	ISO VG 220	ISO VG 320	ISO VG 460	ISO VG 680
1	Appearance	Visual	Bright & Clear				
2	Kinematic viscosity @ 40°C, cSt	ASTM D 445	150	220	320	460	680
3	Viscosity index	ASTM D 2270	95	95	95	95	95
4	Flash point, COC, °C	ASTM D 92	230	230	230	250	265
5	Pour Point, °C	ASTM D 97	Minus 6	Minus 6	Minus 6	Minus 6	Minus 6
6	Copper Strip corrosion @ 100°C for 3 Hrs.	ASTM D 130	1B	1B	1B	1B	1B
7	FZG fail load stage (A 8.3 / 90)	ASTM D 5182	>12	>12	>12	>12	>12
8	FZG Micropitting Resistance (90°C) fail load stage, GFT rating	FVA 54 / 7	>10	>10	>10	>10	>10
9	Timken OK load, lbs.	ASTM D 2782	60	60	60	60	60
10	Weld load, Kgs	ASTM D 2783	315	315	315	315	315