

Gear Oils XD

Description :

Divyol Gear Oils XD are top-tier extreme pressure industrial gear lubricants formulated from high viscosity index solvent refined premium base oils. The premium quality additive formulations ensure a significant level of anti-wear and extreme pressure capabilities. Their remarkable load carrying ability and anti-friction features result in superior performance in industrial gears and industrial uses. They also offers enhanced protection for gear teeth, bearing and seals allowing them to endure the severe stresses found in heavy duty industrial gear applications.

Performance Level : Meets

DIN 51517 Part III (2014),
ISO 12925-1 Type CKC/CKD,
AGMA EP 9005-EO2 (EP),
AISE (US STEEL): 224,
David Brown Type M, A and E,
ZF TE - ML 07A,
ZF TE - ML 08,
ZF TE - ML 04G,
ZF TE - ML 24A
US Steel 224.

Application :

Divyol Gear Oils XD series are suitable for lubrication in Steel, Cement, Coal, Power, Petrochemical and Paper making Industries for the reduction gearboxes of conveyor, coal mill, extruder, blender mixer and other heavy equipment industrial gearbox. It is suitable for Deck winch, Crane, Steering gear, etc. The reducer of excavator, dragline, electric-wheeled self-dumping trucks and other equipment in the open-pit coal mine.

Performance Benefits :

- Excellent load carrying capacity and anti-wear properties.
- Unique anti-micro-pitting ability for gear sets, reducing the risk of premature damage and seal compatibility.

Typical Physical Characteristics :

Sr. No.	Characteristics	Test Method	Gear Oils XD			
			150	220	320	460
1	Appearance	Visual	Bright & Clear			
2	Colour	ASTM D 1500	3.5	3.5	4.0	4.0
3	Kinematic viscosity @ 40°C, cSt	ASTM D 445	150	220	320	460
4	Viscosity index	ASTM D 2270	95	95	95	95
5	Flash point, COC, °C	ASTM D 92	230	240	250	270
6	Pour Point, °C	ASTM D 97	Minus 6	Minus 6	Minus 6	Minus 6
7	Copper Strip corrosion @ 100°C for 3 Hrs.	ASTM D 130	1B	1B	1B	1B
8	FZG, Pass Load Stage	ASTM D 5182	12	12	12	12
9	Foaming characteristics, tendency / stability, Seq. II, ml/ml	ASTM D 892	Pass	Pass	Pass	Pass
10	Timken EP Test, Ok load, lbs	ASTM D 2782	75	80	80	80
11	Rusting Test	ASTM D 665B	Pass	Pass	Pass	Pass
12	Weld load, Kgs	ASTM D 2783	400	400	400	400