

Gear Oils SP

Description :

Divyol Gear SP Oils 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

BIS 8406- 1993 (Reaffirmed 2016),
AGMA Standard 9005- E 02,
DIN 51517 Part III,
ISO 12925- 1 CKC, CKD,
US Steel 224,
David Brown Types M, A & E.

Application :

- Recommended for systems with plain and roller bearings, sliding surfaces, chain drives, sprockets, flexible coupling employing splash, circulation or spray lubrication systems, requiring oil to withstand extreme pressures.
- Not suitable for use in Gear Boxes with Brass, Bronze, and white metal components.

Performance Benefits :

- Reduces galling, scuffing and welding
- Protects against shock loading

Typical Physical Characteristics :

Sr. No.	Characteristics	Test Method	Gear Oils SP						
			68	100	150	220	320	460	680
1	Colour	ASTM D 1500	3.0	3.0	3.5	4.0	4.5	4.5	8.0
2	Kinematic viscosity @ 40°C, cSt	ASTM D 445	68	100	150	220	320	460	680
3	Viscosity index	ASTM D 2270	95	95	95	95	95	95	95
4	Flash point, COC, °C	ASTM D 92	210	230	235	240	250	265	270
5	Pour Point, °C	ASTM D 97	Minus 6	Minus 6	Minus 6	Minus 6	Minus 3	Minus 3	Minus 3
6	Timken OK Load Kg	ASTM D 2782	60	60	60	60	60	60	60
7	FZG Rig Test, Passes	ASTM D 5182	12	12	12	12	12	12	12
8	Rusting Test	ASTM D 665B	Pass	Pass	Pass	Pass	Pass	Pass	Pass
9	Copper Strip Corrosion@100°C, 3 Hrs.	ASTM D 130	Not Worse than No.1						
10	EP Weld Load, Kg	ASTM D 2783	315	315	315	315	315	315	315