

## DIVYOL GEAR OILS SP

### Applications:

Divyol Gear SP Oils are premium quality lubricants fortified with sulphur-phosphorous type of EP additives. These oils are recommended for the lubrication of heavy-duty enclosed gear drives with circulation or splash lubrication systems operating under heavy or shock loading up to operating temperature of 110 °C. They are also 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. They are not suitable for gear systems with brass, bronze and white metal components.

### Standards:

Divyol Gear SP Oils conform to performance standards of IS:8406/93 (Reaffirmed 2016), AGMA STANDARD 250.04/9005-D94 and Cincinnati Machine – P-63, P-76, P-77, P-74, P-59.

### Advantages:

Divyol Gear SP Oils have excellent anti-foam, anti-rust and anti-oxidation properties and thermal stability making them ideal for heavy shock loads operations. They have excellent low and high temperature resilience, providing consistent service even at temperatures up to 110 °C and may also be used for spray lubrication systems requiring extreme pressure. They also enhance high load carrying capabilities and reduce galling, scuffing and welding.

### Typical properties:

Sr. No.	Characteristics	Test Method	Divyol Gear Oil SP						
			68	100	150	220	320	460	680
1	Colour, max.	Visual	3.0	3.0	3.5	4.0	4.5	4.5	8.0
2	Kinematic viscosity at 40 °C, cSt min.	ASTM D 445	68	100	150	220	320	460	680
3	Viscosity index, min.	ASTM D 2270	95	95	95	95	95	90	90
4	Flash point, COC, °C, min.	ASTM D 92	210	210	230	230	240	245	250
5	Timken OK load, min., in kg	ASTM D 2782	60	60	60	60	60	60	60
6	FZG gear fail load stage	DIN 51354	12	12	12	12	12	12	12
7	Rust test	ASTM D 665	Complies	Complies	Complies	Complies	Complies	Complies	Complies
8	Copper corrosion at 100 °C, 3 hrs.	ASTM D 130	Not more severe than 1						

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

Disclaimer: Gandhar makes no warranties, representation or conditions of any kind expressed or implied for use with respect to these products. Final determination of suitability of the product for the application contemplated by the users is solely their responsibility.