

DIVYOL GEAR SPL OILS

Applications:

Divyol Gear SPL is a series of high performance extreme pressure gear oils primarily designed for heavy duty gear boxes. These gear oils have extreme pressure properties along with anti-wear property to enhance the performance level. They are recommended for splash or circulation lubrication of all types of enclosed gears, especially where operating conditions involve heavy loads, high speeds and high relative sliding velocities at elevated ambient and operating temperatures in industrial and marine applications. They can also be used to lubricate other heavily loaded parts and components such as couplings, transmission screws and low speed plain and roller bearings. As indicated, they can be used in oil-mist lubrication systems too.

Standards:

The blends in the Divyol Gear SPL range conform to performance standards of DIN 51517-3: 2009-06, AGMA EP 9005-E02, DIN51517 PART-III (CPL) and IS:8406-1993.

Advantages:

Divyol Gear SPL oils contain chemically active additives which react with the metal of the gear teeth to form an anti-welding film between them. The blend provides enhanced gear wear protection from micro pitting. It also provides improved protection from rust and wear to bearings and other gear box internals. These qualities along with its anti-oxidant properties offer longer service life of the machines.

Typical properties:

Sr. No.	Characteristics	Test Method	Divyol Gear SPL						
			68	100	150	220	320	460	680
1	Colour, max.	ASTM D 1500	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	95	107	154	220	340	450	675
3	Viscosity index, min.	ASTM D 2270	70	90	145	200	310	460	670
4	Pour point, °C max.	ASTM D 97	-3	-3	-6	-6	-6	-3	-3
5	Flash point, COC, °C, min.	ASTM D 92	210	210	230	230	235	245	220
6	Rust test	ASTM D 665	Complies	Complies	Complies	Complies	Complies	Complies	Complies
7	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.

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