



For total industrial lubricant solutions



Industrial Gear Oil

GEARVEL

68, 100, 150, 220, 320, 460

IS: 8406-1993(RA 2006), DIN 51517 Part 3

Product Data Sheet

PRODUCT DESCRIPTION: GEARVEL grades are premium quality lubricants fortified with sulphur-phosphorous type of EP additives. They have excellent anti-foam, anti-rust, anti-oxidation and demulsification characteristics making them ideal for systems subjected to heavy shock loads. GEARVEL grades are marketed over a wide viscosity ranges to take care of the variety of speed-load conditions encountered by the industries. These oils contain chemically active additives, which react with the metals of the gear's teeth to form an anti-welding film between them.

APPLICATION: GEARVEL grades are recommended for all heavy duty enclosed gear drives with circulation or splash lubrication system operating under heavy or shock load conditions up to a temperature of 100°C.

PERFORMANCE LEVEL: Meets IS: 8406 – 1993 (RA 2006), DIN 51517 Part 3.

Typical Properties

CHARACTERISTICS	GEARVEL					
Grades	68	100	150	220	320	460
Kinematic Viscosity @40°C, cSt.	66-74	95-105	145-160	210-230	310-335	440-480
Viscosity Index, Min.	95	95	95	90	90	90
Flash Point ,COC, °C, Min.	200	210	220	220	220	230
Pour Point, °C, Max.	(-)6	(-)6	(-)6	(-)3	(-)3	(-)3
Copper strip Corrosion for 3 hrs @100°C.	1	1	1	1	1	1
Rust prevention Test, 24 hrs.	Passes	Passes	Passes	Passes	Passes	Passes
Foam Characteristics: Foam stability after 10 minutes settling time ,foam ml,seq I/II/III	Nil	Nil	Nil	Nil	Nil	Nil