



GEAR SY 150

Advanced gears and differentials

Semi synthetic lubricant

DESCRIPTION

GEAR SY 150 is a high-performance semi synthetic oil with extreme-pressure properties for the lubrication of reduction gears operating under heavy loads and high temperatures.

APPLICATIONS

GEAR SY 150 meets the following requirements :

- AIST 224
- AGMA 9005-F16 (AS)
- ISO 12925-1, CKD - 2002
- David Brown S1.53.101 (E)
- Strong FAG FE-8 Performance

GEAR SY 150 is used for first fill of Leroy-Somer gear boxes.

ADVANTAGES

- Very good extreme-pressure and anti-wear qualities.
- Excellent stability to oxidation.
- Corrosion-resistant particularly in relation to non-ferrous metals and bronze alloys.
- Excellent demulsibility in relation to water.
- High viscosity index



TECHNICAL INFORMATION

TECHNICAL CHARACTERISTICS	UNITS	METHOD	GEAR SY 150
Base oil	-		Semi-synthetic
Aspect	-		Clear
Color	-	ASTM D1500	0.5
Density	-	ISO 12185	0,874
Viscosity at 40°C	mm ² /s	ASTM D445	150.0
Viscosity at 100°C	mm ² /s	ASTM D445	19.7
Viscosity index	-	ASTM D2270	151.0
Flash point	°C	ASTM D92	234.0
Pour point	°C	ASTM D97	-30.0
Copper corrosion	-	NFT M 07105	1a
4 Ball test - Weld load	kg	ISO 20623	315
4 Ball test - Wear scar	mm	ISO 20623	0,3
Foaming Seq I, II, III	mL/mL	NF T 60 129	0/0-0/0-0/0

These characteristics are given only for information and can be updated over time.

SERVICES AND EQUIPMENT

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and monitoring of your lubricants. Please contact your technical sales representative for more information.

Important Notice

All information and rules about health, safety and the environment are mentioned on the safety data sheet. It provides information about risks, safety procedures and first aid emergency rules. It clarifies all procedures to implement in the case of an accidental spillage, and for the disposal of the product and its effects on the environment. The safety data sheet is available on www.motul.com.

Our product contains natural additives which are likely to modify the colour of the concentrates without altering its performance. The specifications of our products are definite only at the time of order, and are subject to our general sale and guarantee conditions. To give our customers the latest technical developments, the general characteristics of our products may vary.