

## GEAR SY 100

Synthetic Gear Oil

### DESCRIPTION

**GEAR SY 100** is a high-performance synthetic oil with extreme-pressure properties for the lubrication of reduction gears operating under heavy loads and high temperatures.

### APPLICATIONS

**GEAR SY 100** 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 100** 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

NAME	UNITS	METHOD	GEAR SY 100
Density at 20°C (68°F)	-	ISO 3675	0.870
Viscosity at 40°C (104°F)	cSt	ISO 3104	100.0
Viscosity at 100°C (212°F)	cSt	ISO 3104	14.5
Viscosity Index	-	ISO 2909	149.0
Flash point	°C	ISO 3016	240.0
Pour point	°C	ISO 2592	-24.0
Foaming	ml/ml	NFT 60 129	0/0
Copper Strip Corrosion	-	NTF M 07105	1b

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.