



MOTULTECH GEAR SY 460

Synthetic Gear Oil
Synthetic Technology

TYPE OF USE

GEAR SY are high performance synthetic oils (PAO-Ester) with Extreme-Pressure properties for the lubrication of reduction gears operating under heavy loads and high temperature.

ADVANTAGES:

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

PERFORMANCES

STANDARDS	AGMA 9005-F16 (AS) David Brown S1.53.101 (E) / FAG FE-8 (Strong) ISO 12925-1 CKD - 2002
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PERFORMANCES	AIST 224
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GEAR SY 460 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 460 is used for first fill of Leroy-Somer gear boxes.

We retain the right to modify the general characteristics of our products in order to offer to our customers the latest technical development.

Product specifications are definitive from the order which is subject to our general conditions of sale and warranty.



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PROPERTIES

Density at 20°C (68°F)	ISO 12185	0.906
	ASTM D445	487.0 cSt
Viscosity at 40°C (104°F)	ASTM D445	54.4 cSt
Viscosity at 100°C (212°F)	ASTM D2270	177.0
Viscosity Index	ASTM D97	-30.0 °C
Pour point		
Copper Strip Corrosion	NTF M 07105	1b
Flash point	ASTM D92	234.0 °C

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