

ExxonMobil 22M Mobilgear SHC

Category : Fluid , Lubricant

Material Notes:

Mobilgear SHC 22M and 46M are supreme performance ultra high viscosity synthetic lubricants designed specifically for use in heavily loaded, low speed gears where boundary lubrication conditions often prevail. They are formulated from wax-free synthetic base stocks, pioneered by our company, which have remarkable low-temperature fluidity, even at such high viscosity grades. These ultra high viscosity products can be pumped over relatively long distances and use standard spray application equipment. The combination of a naturally high viscosity index and a unique additive system gives the products exceptional thermal/oxidative properties and provides outstanding performance under severe high and low temperature operating conditions even with very slow moving gears. The additive formulation also provides excellent EP and anti-wear performance and rust and corrosion inhibition. Mobilgear SHC 22M and 46M exceed Falk Corporations minimum viscosity requirements for intermittent lubrication of gears - winter and summer grades, respectively. These grades also meet the viscosity requirements for AGMA lubricant numbers 14R and 15R, respectively, although they are not residual lubricants. Mobilgear SHC 22M and 46M do not contain any solvent or any asphaltic-type base oil. Application Considerations: Normally, conversion to Mobilgear SHC 22M or 46M from asphaltic or grease products will be a simple process with no change in lubricant spray equipment. It is recommended that the gears be thoroughly cleaned to take advantage of the light colour of these synthetic products. Consult your Mobil representative for further details on lubricant conversion. Mobilgear SHC 22M and 46M are designed specifically for use in heavily loaded, low speed open gearing which drive stationary rotating machinery. Product application is by spray nozzle systems. Specific applications include: Kilns and mills in metal mining, cement and limestone production and in sugar plants; Slow speed, heavily loaded plain and rolling contact bearings

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-22M-Mobilgear-SHC.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.890 g/cc	0.890 g/cc	15.6°C; ASTM D4052
Viscosity Measurement	180	180	Index; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	22000 cSt	22000 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	700 cSt	700 cSt	ASTM D445

Thermal Properties	Metric	English	Comments
Pour Point	6.00 °C	42.8 °F	ASTM D97
Flash Point	240 °C	464 °F	ASTM D92

Descriptive Properties	Value	Comments
Copper Strip Corrosion	1B	3 hrs @ 100°C
Rust Prevention, Synthetic Sea Water	pass	ASTM D665B

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