Mobil SHC™ Chain 240

Mobil Industrial , Greece

High Temperature Chain Lubricant

Product Description

Mobil SHC Chain 240 is an exceptional performance chain lubricant designed for lubrication of high temperature conveyor chains at temperatures up to 290°C / 555°F. It is designed to provide excellent wear protection and resistance to evaporation, thermo-oxidation and coking.

Features and Benefits

Mobil SHC Chain 240 helps to:

- Provide a degree of equipment protection beyond the capabilities of conventional chain lubricants
- Provide extra reassurance of trouble-free equipment protection at very high temperatures
- Extend equipment life, reduce costs, improve total system performance
- Prevent wear of chains, sprockets, and other system components
- Reduce deposit formation thereby reducing chain sticking
- Provide lasting lubrication of chains at high temperatures
- Reduce lubricant consumption compared to conventional chain lubricants

Applications

Mobil SHC Chain 240 is designed specifically for the lubrication of oven conveyor chains at temperatures up to 290°C (555^0 F). It is suitable for high temperature chain applications in:

- Fiber glass insulation manufacture
- Particleboard (OSB , MSB) manufacture
- Plastics and textiles manufacture
- Paint oven operations

Properties and Specifications

Property	
Copper Corrosion, 3 Hrs @ 100C, Rating, ISO 2160	1A
Density @ 20C, kg/m3, ISO 12185	968
Evaporation Loss, 6.5 h, 204 C, mass%, ASTM D972(mod)	1
Flash Point (COC), C, EN ISO 2592	290
Foam, Sequence I, Stability, 24 C, ml, ISO 6247	0
Foam, Sequence I, Tendency, 24 C, ml, ISO 6247	50
Four-Ball Extreme Pressure Test, Weld Load, kgf, ASTM D2783	160
Four-Ball Wear Test, Scar Diameter, 40 kg, 1200 rpm, 1 h, 75 C, mm, ASTM D4172	0.4

Property	
Kinematic Viscosity @ 100 C, mm2/s, ISO 3104	19
Kinematic Viscosity @ 40C, mm2/s, ISO 3104	245
Pour Point, °C, ISO 3016	-24
Viscosity Index, ISO 2909	86

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ http://www.msds.exxonmobil.com/psims/psims.aspx

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