# Mobil SHC™ Chain 240

Mobil Industrial , Pacific Islands

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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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com
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