Mobil Synthetic Oven Lube 1090

Mobil Industrial , United States

Other Industrial

Product Description

Mobil Synthetic Oven Lube 1090 is a supreme performance synthetic high temperature lubricant designed specifically for lubrication of hot conveyor chains in drying ovens and similar severe applications. This product is formulated using a carefully balanced blend of high-molecular-weight synthetic hydrocarbons and a synthetic ester base fluid plus very effective anti-wear additives. It does not contain silicone. Compared to mineral oil and conventional chain lubricants, Mobil Synthetic Oven Lube 1090 reduces carbon build-up and extends cleaning intervals.

Mobil Synthetic Oven Lube 1090 is used in all tough, high temperature chain applications. The lubricant can be used in paint oven operations because there is no silicone to contaminate components prior to painting and to cause fish-eye imperfections in the paint surface. Mobil Synthetic Oven Lube 1090 can be fed to the chain automatically or by hand. Bijur Lubricating Corporation has approved the product for use in Bijur lubricating systems.

Features and Benefits

The Mobil brand of synthetic lubricants is recognised and appreciated around the world for its innovation and outstanding performance. The molecular design synthetic products specially chosen for use in the Mobil Synthetic Oven Lube 1090 demonstrate the continuing commitment to using advanced technology to provide outstanding products. A key factor in the development of Mobil Synthetic Oven Lube 1090 was the close contacts between our scientists and application specialists with key OEMs to ensure that our product offerings will provide exceptional performance in the continually evolving industrial equipment designs.

Mobil Synthetic Oven Lube 1090 was specifically designed to meet the critical high temperature needs of a variety of industrial chain drives where mineral-based and other synthetic products were not able to perform satisfactorily. Mobil Synthetic Oven Lube 1090 offers the following features and potential benefits:

Features	Advantages and Potential Benefits
Outstanding high-temperature performance	Keeps chains clean and free of carbon build-up with resulting reduced maintenance costs and increased productivity
Excellent anti-wear protection	Significantly reduced wear of chain, pinion, bearings Fewer stoppages for repairs and component changes leading to lower maintenance and labour costs
Reduced lubricant consumption and potential	Lower energy consumption reduces operational costs
Less smoke produced	Improved operational safety

Applications

Application Considerations: Before changing to Mobil Synthetic Oven Lube 1090, existing deposits on the chains should be removed, if practical, to ensure optimum performance of the Mobil product. Application nozzles should be free from deposits and properly positioned. Lubricant feed rates should be monitored to prevent deposit formation and to control lubricant consumption.

Mobil Synthetic Oven Lube 1090 is suitable for the lubrication of hot conveyor chains in drying ovens and tenter frames used in applications such as:

- Fibre glass insulation manufacture
- Particleboard, plastics and textiles manufacture

- Paint oven operations

Properties and Specifications

Property	
Grade	ISO 220
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	22
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	210
Viscosity Index, ASTM D2270	126

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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