



Mobil

Mobil Pyrolube 830

Synthetic High Temperature Chain Lubricant

Product Description

Mobil Pyrolube 830 is a superior quality lubricant intended for the lubrication of conveyor chains in high temperature applications. It is formulated from synthesized high molecular weight hydrocarbons and an ester-based fluid and additives to provide outstanding resistance to oxidation and protection against wear. Compared with mineral oil and solid-type chain lubricants, Mobil Pyrolube 830 reduces coke formation and extends intervals between chain cleaning. There is low evaporation loss and the product does not produce or emit unpleasant odors.

Benefits

Mobil Pyrolube 830 offers the following benefits:

- Extended intervals between chain cleaning due to negligible deposit formation at high temperatures and improved cleanliness
- Significantly reduced wear of chain, pinion, bearings and other components such as gears and slideways
- Superior lubrication and improved chain mobility leading to reduced power consumption
- Fewer stoppages for repairs and component changes leading to lower maintenance and labor costs
- Lower lubricant consumption
- Increased productivity
- Improved operational safety

Applications

Mobil Pyrolube 830 is recommended for the lubrication of hot conveyor chains in drying ovens and tenter frames, particle board, glass and mineral wool production lines and other high temperature applications. The chain temperature should not exceed 230°C. Mobil Pyrolube 830 can be fed automatically to the chain by nozzle pipes or it can be applied by hand using a brush. Before changing to Mobil Pyrolube 830, the chain should be cleaned since deposits from the previous lubricant could prevent proper lubrication. Application nozzles should also be cleaned and properly positioned to deliver the product to the chain rivets. Over application should be avoided since this can lead to deposit formation and wastage of lubricant.


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Typical Properties

Product Code	Test Method	Mobil Pyrolube 830 970482
Viscosity	ASTM D445	
cSt at 40°C		190
cSt at 100°C		21
Viscosity Index	ASTM D2270	132
Specific Gravity	ASTM D1298	0.930
Flash Point, °C	ASTM D92	270
Pour Point, °C	ASTM D97	-46
FZG Gear Test	ASTM D665	
Failure Stage		8
Color	ASTM D1500	L3.5

Health & Safety

Based on available toxicological information, these products produce no adverse effects on health when properly handled and used. No special precautions are suggested beyond attention to good personal hygiene, including laundering oil-soaked clothing and washing skin contact areas with soap and water. Additional health and safety information on these products, including a Material Safety Data Bulletin, is available on request from your local Mobil company.

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Due to continual product research and development, the information contained herein is subject to change without notification.

Typical Properties may vary slightly. This product data sheet is based on global product data sheets for use with products purchased in the U.S.

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