

# Product Data Sheet

## Mobil Pyrolube 830 High Temperature Machinery and Chain Lubricant

### Product Description

Mobil Pyrolube 830 is a superior high temperature lubricant made from a blend of high molecular weight synthetic hydrocarbons and esters with a special anti-wear additive pack. It provides economical high temperature lubrication in applications subject to the most severe oxidising conditions.

### Benefits

Mobil Pyrolube 830 offers the following benefits:

- Proven excellent performance at temperatures up to 230°C
- Leaves no carbonaceous deposits or sludges
- Resists evaporation, and provides long term lubrication
- No objectionable smells or emissions
- Provides excellent lubrication and wear protection
- Applied by conventional equipment
- Improved lubrication can result in reduced energy consumption

### Applications

Mobil Pyrolube 830 is recommended as an oven chain link lubricant in high temperature processes in the mineral wool, ceramic, textile, paper, timber, glass, paint, fibreglass, food and chemical industries. In these and similar applications its anti-wear and long life characteristics can be used to provide continuous effective lubrication with minimum consumption.

Mobil Pyrolube 830 is also recommended for use in the lubrication systems of glass making machines and other applications subject to high temperatures such as oven trolley wheel bearings, furnace fan bearings etc. ( For gearboxes one of the Mobilgear SHC XMP oils is a preferable lubricant. ).

Mobil Pyrolube 830 can be applied by most conventional injection, splash and spray methods. It is advisable to clean chains thoroughly before changing over to Mobil Pyrolube 830 since airborne and other impurities will stick to sludges and deposits from previously used conventional mineral oil based lubricants. Such deposits may also prevent Mobil Pyrolube 830 from reaching the areas in the chain which are subject to wear.

### Properties

Mobil Pyrolube 830 is formulated to have a detergent action and leaves practically no carbon deposits. It is sufficiently adhesive to remain in position to provide adequate surface separating films for long periods thus reducing the rate of consumption.

Mobil Pyrolube 830 has remarkable stability under the effects of very high temperatures which overcomes evaporation loss problems and the associated environmental concern of unpleasant odours and fumes.

Being made from synthetic based materials Mobil Pyrolube 830 has friction reducing characteristics which can lower overall power consumption under optimised lubricating conditions.

## Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

## Product Characteristics

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### Mobil Pyrolube 830

Viscosity, cSt at 40°C	180
Viscosity, cSt at 100°C	20.4
Viscosity Index min.	132
Pour Point, °C max.	-46
Flash Point, °C min.	270
Colour, ASTM D1500	L3.5

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

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