# Pyrolube 830

Mobil Industrial , Libya

Machinery and Chain Lubricant

**Product Description**

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.

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. 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 Pyrolube 830 has friction reducing characteristics which can lower overall power consumption under optimised lubricating conditions.

**Features and Benefits**

· Proven excellent performance at temperatures up to 230ºC

· Reduces 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**

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.

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.

Pyrolube 830 can be applied by most conventional injection, splash and spray methods. It is advisable to clean chains thoroughly before changing over to 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 Pyrolube 830 from reaching the areas in the chain which are subject to wear.

**Properties and Specifications**

| Property | |
|---|---|
| Flash Point, Cleveland Open Cup, °C, ASTM D92 | 270 |
| Appearance, AMS 1738 | Clear and Bright |
| Kinematic Viscosity @ 40 C, mm2/s, ASTM D445 | 180 |
| Pour Point, °C, ASTM D97 | -46 |
| Viscosity Index, ASTM D2270 | 132 |
| Total Base Number, mgKOH/g, ASTM D2896 | 4 |

**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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