

RENOLIN HI TEMP CHAIN LUBE

Synthetic chain lubricant fortified with solid lubricant, high temperature environments

Description

RENOLIN HI TEMP CHAIN LUBE contains graphite as a solid phase lubricant, which continues to lubricate following evaporation of the fluid phase. This solid film offers continued lubrication up to temperatures of approximately 500°C which leads to reduced power loss in chain drives.

No residue is left following evaporation of the graphite and this fact coupled with the use of synthetic base fluid means that no build up of harmful by-products is encouraged. Such build-up invariably leads to lubricant starvation within the vital chain pin/roller area, which in turn accelerates the wear process.

A further advantage of the solid phase is that it helps to protect against corrosion in wet environments and also reduces wear in abrasive environments.

Application

RENOLIN HI TEMP CHAIN LUBE is ideally suited for use on chain drives and gearing in dryers, paint and curing ovens, along with high temperature applications on slideways, open gearing and fluid lubricated bearings.

RENOLIN HI TEMP CHAIN LUBE may be used in automotive, ceramic, steel foundry, timber and textile industries.

Advantages/Benefits

- Suitable for use up to approximately 500°C (solid film phase) and 280°C in the fluid phase
- Excellent lubricity at high temperature
- Avoids carbon build-up
- Low volatility
- High resistance to water
- Good anti-corrosion and anti-oxidation properties
- Good penetration/wetting out
- Negligible odour

Description (continued)

RENOLIN HI TEMP CHAIN LUBE is based on special synthetic lubricants, giving excellent lubricity and anti-wear characteristics. Anti-corrosion and anti-oxidation performance is enhanced by incorporating a uniquely balanced blend of additives.

The lubricant may be applied either manually or by automatic pumped systems (shot or spray lubrication). When used with such systems, the low volatility of RENOLIN HI TEMP CHAIN LUBE ensures the elimination of any problems associated with misting of the lubricant.



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Health, Safety and Environment - information is provided for products in the relevant Safety Data Sheet. This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products.

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CHARACTERISTICS: RENOLIN HI TEMP CHAIN LUBE

Characteristics	Unit		Test Method
Appearance		Opaque black fluid	
Specific gravity at 15.6°C		0.985	IP160
Kinematic viscosity at 40°C	mm ² /s	220	IP71
at 100°C	mm ² /s	25	
Viscosity index		115 min.	IP226
Flash point (PMCC)	°C	260 min.	IP34
Pour point	°C	-15	IP15

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