



## Product Information

### MOLYGREASE HT

An advanced technology, lithium complex grease containing molybdenum disulphide. It is made with highly refined mineral oils in combination with severely hydrocracked base oils and water resistant polymers to provide a product with exceptional oxidation resistance, wear protection and adhesion.

It is a NLGI No 2 grease and it meets the Caterpillar MPGM specification.

#### APPLICATION

Penrite Molygrease HT is recommended for use in severe heavy duty applications where high shock loads are common.

This includes in industrial plants and off-highway equipment used in the mining, agricultural, forestry and construction industries to name a few. Ideal for shackles, bolts, ball joints, king pins, slow speed bearings and universal joints and may be used as a fifth wheel lubricant.

Molygrease HT is ideal in applications requiring a grease with solid anti-wear additives in high temperature environments where conventional lithium grease are unable to be used.

Recommended operating range is -15°C to 160°C.

#### CUSTOMER BENEFITS

- Minimises squeeze out
- Seals out dirt
- Extremely resistant to water wash out
- High adhesion helps it stay in place
- Prevents scoring and spalling under extreme loads
- Enhanced oxidation resistance

#### INDUSTRY SPECIFICATIONS

NLGI 2

Caterpillar MPGM

### Typical Properties

NLGI	2
Base Oil Viscosity, ISO	"400"
Drop Point, °C	308
Colour	Grey-black
Timken OK Load, kg	27
Four Ball Weld Point, kg	620
Water Washout, % at 79°C	3
Appearance	Stringy/Stiff
Oxidation Stability, psi drop after 100 hours	4

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#### ENVIRONMENT, HEALTH AND SAFETY

Information is available by request on this product in the Penrite Material Safety Data Sheet. Information in this sheet is based on the most current information available. Minor variations to typical properties not affecting the performance of the product are to be expected in normal manufacture.

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