



HT 70

High temperature, non-carbonising lubricant containing MoS₂. HT 70 is a high molecular weight hydrocarbon polymer, containing molybdenum disulphide, that evaporates slowly at high temperatures leaving minimal deposits.

It is designed for the lubrication of slow speed plain and anti-friction bearings (less than 300 rpm) operating at high temperatures (over 180°C) where normal greases leave heavy deposits causing blockages and jamming that can eventual lead to bearing failure.

FEATURES

- Ø Temperature range 180°C to 300°C
- Ø Designed for high temperature applications running under 300 rpm only
- Ø Negligible deposit formation - Increases component life
- Ø Evaporates slowly at high temperatures leaving a film of molybdenum disulphide

DIRECTIONS FOR USE

- Ø HT 70 can be used in bearings normally grease lubricated and may be applied by a high-pressure hand grease gun or spatula
- Ø Only sufficient should be applied to wet all the running surfaces thoroughly. Over application will result in leakage from the bearing
- Ø It is advisable to clean bearings before first applying ROCOL HT 70 in order to ensure minimum deposit formation
- Ø HT 70 is not suitable for application by automatic grease systems
- Ø Store in a warm place to make hand pumping easier
- Ø Do not use in enclosed systems that may inhibit the evaporation process

Technical and Safety Data Sheets are available from:

Fax Back Facility : +44 (0)113 232 2770

Web Site : www.rocol.com

Customer Service : +44 (0)113 232 2700

Issue 12106d: Jan-04

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ROCOL Lubricants

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www.rocol.com

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The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

TECHNICAL DATA



HT 70

TECHNICAL DATA (typical values)

Appearance	Dark grey, viscous liquid
Base type	Hydrocarbon polymer
Solids	Molybdenum disulphide
Temperature range	180 ⁰ C to 300 ⁰ C
Base fluid viscosity at 40 ⁰ C	13,000 cSt
Base fluid viscosity at 100 ⁰ C	315 cSt
Shell 4 ball (IP 239)(ASTM D2596)	
Weld load	180 kg
Mean hertz load	38 kg
Corrosion Tests -	
(ASTM B117) 5% salt spray for 7 days	No corrosion
IP112 - 24 hrs at 100 ⁰ C - mild steel	No stain
IP112 - 24 hrs at 100 ⁰ C - copper	No stain
dmN factor	30,000 (maximum speed – 300rpm)
Storage	Storage temperature should be controlled to between 1 and 40 °C.
Pack sizes	5kg, 18kg, 50kg

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