



A NEW FORCE IN CHEMICAL MANUFACTURING

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TECHNICAL DATA SHEET

MAY 2015

PRODUCT NAME

R42 Molytak Grease

PRODUCT RANGE

Part Number	Available Size
CT-R42-450G	450 Gram Cartridge
CT-R42-1KG	1 Kilo Jar
CT-R42-4KG	4 Kilo Jar
CT-R42-20KG	20 Kilo Jar



Refer to SDS for product safety guidelines

R42 Molytak Grease

R42 Molytak Grease is a premium, multi-purpose grease that is formulated to give superior performance and protection for metal and moving parts under a wide variety of uses. It is perfect for extreme conditions encountered on highway construction equipment, mining, railway and heavy duty industrial applications. This product is a lithium complex thickened grease which is blended with special fluids for exceptional film strength, it is fortified with molybdenum disulphide for additional load carrying capacity and anti-wear performance. R42 Molytak grease contains a unique blend of extreme pressure, anti-wear and rust inhibitors as well as functional polymers for better adhesion in wet environments and better performance at higher temperatures. Because it is a lithium complex thickened grease, Molytak grease has a high dropping point which also provides excellent protection in high temperature environments

Common uses:

- Automotive applications include, Disc brakes, Wheel bearings, Chassis, U-Joints & Ball Joints.
- Cables, couplings, gears, hitches winches
- Farming equipment
- Mining, Railway and Marine equipment

Typical Specifications

Thickener Type: - Lithium Complex

NLGI Grade - #2

Texture - Tacky

Colour - Grey

Penetration, ASTM D-217 Wkd 60 Strokes - 265-295

Dropping Point, (ASTM D-2265) - 260°C Min.

Rust Test, Bearing Corrosion, ASTM D-1743 - Pass

Four Ball Wear Test, Scar Diameter, ASTM D-2266 - 0.50

Four Ball E.P. Test ASTM D-2596, Weld Point, Kg - 400 Min.

LWI - 70

Water Wash-Out, % Loss, ASTM D-1264 - 5 Max.

Timken OK Load, LB ASTM D-2509 - 55 Min.

Copper Strip Corrosion, ASTM D-4048 - 1b Max.
Molybdenum Disulphide, % - 3.0 Min.

Base Fluid Properties

Base Fluid Type - Petroleum Mineral Oil

- * Viscosity @ 40°C, SUS - 1,715 – 1,875
- * Viscosity @ 100°C, SUS - 110 – 122
- * Viscosity @ 40°C, cSt - 327 – 350
- * Viscosity @ 100°C, cSt - 22 – 24.5
- * Viscosity Index - 80 Min.
- * Listed without polymer

Directions for use:

- Clean all surfaces before use.
- For optimal performance apply a liberal coating of grease to fixtures, fasteners, pipes, screws, nuts, bolts, slides and anywhere it can be used. Ensure good coverage.
- The surface of all components should be free of dirt, contaminants and old grease.

Precaution:

- Please refer to MSDS before use.
- For industrial use only, please keep out of reach of children.
- Wear suitable safety gear before use, please refer to MSDS.

Storage:

Store in closed containers, undercover, in a cool and dry environment.

Warranty:

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