

TECHNICAL DATA

CDC

Drill and Casing Thread Compound Crane Boom, Open Gear and Turn Table Lubricant

Description

Molybond CDC is an environmentally acceptable thread coupling compound for Rotary Drills, Top Hammer Drills and Exploration Drills in Blast Hole, Mining, Coal Exploration, Mineral Exploration, Oil and Gas and Construction effectively lubricating Drill Rods and Casings.

Molybond CDC is also ideally suited as a specialised lubricant for the Crane Industry for Crane Booms, Open Gearing and Turn Tables.

Molybond CDC is a lead and zinc free, heat and water resistant lithium based grease containing lubricating solids including copper and graphite.

Molybond CDC is based on high viscosity oil and is formulated to NLGI No. 1 consistency to effectively lubricate surfaces operating under heavy loads in wet, hot, dusty and other arduous conditions and provide excellent pump-ability even in cold conditions.

Areas of application

Drilling Industry

- Mining - Blast hole, mapping and assay drilling
- Geotechnical drilling
- Oil & Gas exploration and extraction drilling
- Mineral exploration drilling
- Environmental drilling
- Construction drilling

Crane Industry

- Telescopic crane booms
- Open gearing on crane slew rings
- Turn-Tables (5th wheel)
- Pivot Pins
- Slides & Slide ways
- Anti-seize agent on threaded fasteners.

Features

- Copper based for excellent anti-seize properties
- Greatly reduces component wear
- Easy to apply
- Wide operating temperature range
- Good cold weather pump-ability
- Superior anti-galling capabilities
- Excellent Longevity
- Can significantly extend re-lubrication intervals
- Excellent corrosion resistance
- Environmentally acceptable
- Does not contain Lead, Zinc or other soft Heavy Metals
- Contains no added Benzene, Toluene, Ethyl benzene or Xylene (BTEX)

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Directions for use

- Apply by brush, swab or automatic lubricator.
- CDC can be applied over coatings of conventional greases without the need for cleaning.
- CDC can also be applied to moist surfaces without the need for drying.

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	Test Method
Appearance.....	Black, Coppery coloured grease
Lubricating Solids	Copper, Graphite
Thickener	Lithium Soap
NLGI Classification.....	1
Unworked Penetration (mm X 10-1).....	310-330
Base Fluid Type	Mineral Oil
Base Oil Viscosity at 40°C (cst)	180
Drop Point (C).....	190
Wear: '4 Ball'	
Weld Load (kg).....	>800
Wear Scar (mm).....	0.6 (typical values)
Temperature Range	-10°C to 180°C

Ordering Information

20 kg RP351787

Health & safety information

NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. According to NOHSC Criteria, and ADG Code.

A Material Safety Datasheet is available from the Molybond Customer Services Department upon request.

Disclaimer

The information enclosed in this Technical Bulletin is as up to date and correct as possible as at the time of issue. The data provided in this Technical Bulletin should be used as a guide only, as the performance of the product will vary depending on differing operating conditions and application methods. The sale of any product described in this Technical Bulletin will be in accordance with ITW Polymers & Fluids Pty Ltd Conditions of Sale, a copy of which is available on request. To the extent permitted by law, ITW Polymers & Fluids Pty Ltd excludes all other warranties in relation to this product.

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