

# TECHNICAL DATA SHEET

TDS 608 / Index 05 - 25/03/2016





# **CT 4**

# MULTI-PURPOSE GREASE MOLYBDENUM DISULFIDE

# **DEFINITION**

CT 4 is a multi-purpose grease with micronized, extra pure molybdenum disulfide (MoS<sub>2</sub>). Enables lubrication of all mechanisms under heavy loads and under extreme thermal conditions.

# **ADVANTAGES**

The presence of MoS<sub>2</sub> considerably improves the product's ability to withstand heavy loads and reduces the effects of wear from contact.

CT 4:

- Is insoluble in cold or hot water.
- Contains anti-wear additives, extreme pressure additives and anti-corrosive agents.
- Withstands oxidation and extreme temperatures extremely well.
- Allows to reduce greasing frequency by 2 to 3 times compared to similar greases without additives.
- Ensures safe lubrication by creating a MoS<sub>2</sub> film which covers and coats parts. Should there be insufficient grease, this deposit of MoS<sub>2</sub> will prolong and ensure lubrication.

Product tested and referenced by POTAIN MANITOWOC GROVE for lubrication of slewing rings of jib cranes.

# **APPLICATION FIELDS**

- Ball bearings, needles and rollers, main bearings, hinges, splined shafts, cables, etc.
- Winches, pulleys, capstan, locks, gearing, runners, gears, etc.
- Construction equipments, public works, materials handling, transportation vehicles, agricultural equipment, boats, etc.
- Mounting gaskets (resistant to mineral oils).
- Ball and socket heads, slewing rings of jib cranes and excavators, fifth wheels of tractors and trucks.

# **TECHNICAL CHARACTERISTICS**

Color	black
Viscosity of base oil at 40°C (ASTM D 445)	120 mm <sup>2</sup> /s
Drop point (NFT 60-102)	180°C
NLGI Grade	2

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# Manufacturing site and registered office

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# **TECHNICAL CHARACTERISTICS - continued**

Worked penetration (NFT 60-132)	265-295
EP 4 balls test (ASTM D 2596)	
Anti-rust performance (EMCOR) (NFT 60-135)	0-0
Oil separation after 3 days at 100°C (AIR 1650A)	1%
Operating temperature	30°C to +165°C
DN Factor	> 350,000
Classe DIN 51825	KPF2P-30

# **INSTRUCTIONS FOR USE**

Clean parts before applying lubricant; do not mix with another grease. Apply grease in thin layers to the parts to be lubricated. CT 4 can substitute for non-reinforced greases.

# **PACKAGING**

650 ml aerosol	Ref. 4608 A4	x 12
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200 g tube	Ref. 3608 T4	x 12
400 g cartridge	Ref. 3608 C4	x 12
1 kg box	Ref. 3608 B7	x 6
50 kg drum	Ref. 3608 O4	x 1

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