



CT 4

MULTI-PURPOSE GREASE MOLYBDENUM DISULFIDE

DEFINITION

CT 4 is a multi-purpose grease with micronized, extra pure molybdenum disulfide (MoS₂). Enables lubrication of all mechanisms under heavy loads and under extreme thermal conditions.

ADVANTAGES

The presence of MoS₂ 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 MoS₂ film which covers and coats parts. Should there be insufficient grease, this deposit of MoS₂ 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 ² /s
Drop point (NFT 60-102)	180°C
NLGI Grade	2

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Manufacturing site and registered office

Parc Industriel de la Plaine de l'Ain - 225 allée des Cèdres - 01150 Saint-Vulbas - FRANCE

Tél. +33 (0)4 74 40 20 25 - Fax +33 (0)4 74 40 20 26 - www.orapi-maintenance.com

TECHNICAL CHARACTERISTICS - continued

Worked penetration (NFT 60-132)	265-295
EP 4 balls test (ASTM D 2596)	315 kg
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
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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