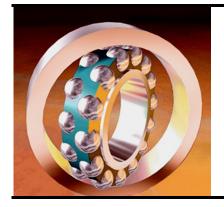


# TECHNICAL DATA SHEET

TDS 617 / Index 01 - 22/08/2013





# CT 8 EP

# MoS2 GREASE FOR HARD CONDITIONS

## **DEFINITION**

CT 8 EP is a high technology 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 8 EP:

- 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.

#### 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	bluish grey
Saop	
Viscosity of base oil at 40°C (ASTM D 445)	150 mm <sup>2</sup> /s
Viscosity of base oil at 100°C (ASTM D 445)	12 mm <sup>2</sup> /s
Drop point (NFT 60-102)	260°C
NLGI Grade	2

#### 1/2

## 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

ORAPI® cannot be expected to know all applications in which its products are used or their conditions of use. ORAPI® shall not be held responsible: for the suitability of its products for a given use or specific purpose, for the methods of application over which it has no control. The information contained in this technical data sheet can on no account be a substitute for the preliminary tests which are essential and which must be carried out in order to check the suitability of the product to each intended application. The user of the product described in this technical data sheet is solely responsible for all measures required to protect people and property from hazards that may arise from the implementation and/or use of this product. Therefore, ORAPI® renounces any implicit or explicit guarantees, including guarantees relating to marketability or suitability for a certain purpose, resulting from the sale or use of its products. In particular, ORAPI® renounces any claims for incidental or consequential damages whatsoever, including financial operating losses.



# TECHNICAL DATA SHEET

TDS 617 / Index 01 - 22/08/2013

# **TECHNICAL CHARACTERISTICS - continued**

Worked penetration (NFT 60-132)	265-295
Worked penetration 100 000 strokes (NFT 60-132)	280-300
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	-20°C to +230°C
DN Factor	> 250 000

## **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.

# **PACKAGING**

400 g cartridge	Ref 3617 C/	x 12
<del>100 g oarmage</del>	Noi. 00 17 O T	<del></del>
1 kg box	Ref. 3617 B7	x 6
50 ka drum	Ref. 3617 O4	x 1

# 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