



CTDMEP 2

E.P. SYNTHETIC GREASE

DESCRIPTION

CTDMEP 2 is a high performance semi-synthetic grease, formulated to serve the most severe demanding requirement of equipment and machineries operating at high temperatures and high speed under corrosive atmospheres.

CTDMEP 2 is recommended for use in refineries, chemical and petrochemical industries, paper mills and steel mills, textile industries...

APPLICATIONS

Refineries, Petrochemical and Chemical Applications

Bearings operating at high temperature under heavy load, open gears, shafts, articulated joints, hinges, cams, pistons, valves, and all mechanisms subjected to high temperatures or in contact with hydrocarbons...

Paper Mills / Textile Industries

Roller bearings running at high speed (500 to 8000 RPM) under heavy load, valves and pumps, cams, shafts, articulated joint, cams, conveyor chains, slides...

Steel Mills

Roller bearings operating at high temperature under heavy load, shafts, cams, articulated joints, hinges, pistons...

Other Industries

Lubrication of all sliding and friction components operating under high temperature and heavy load.

PRODUCT BENEFITS

- Good stability over prolonged periods.
- Excellent resistance to oxidation; long term protection against corrosive atmospheres (salt spray, chemical fumes...).
- Unique anti-wear and extreme-pressure properties; will withstand high pressure loads up to 315 kg/cm².
- Completely insoluble in water and vapour.
- Perfect adhesion to metals surfaces.
- Enable mechanisms to operate at high speed.
- Extends greasing intervals by 3 to 5 times.
- Very high melting point (exceeding 240°C).
- Extends life of mechanisms subjected to speed and high temperature.
- Excellent shear resistance even after several months in operation.
- Complies with ATEX standards : EN 514 - S 0018 and S 0019 – IEC 79-1 / MIL G3545
- Reduces maintenance spare parts cost.
- Reduces labour cost and downtime.

Orapi Applied (S) Pte Ltd

No 26 Tuas Avenue 13 Singapore 638992

Tel: +65 6265 2888

Fax: +65 6268 6474

Inquiries: sin.sales@orapi.com.sg

Web Site: www.orapi.com



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The ORAPI Group designs, manufactures and markets "Highly Technical Solutions" for Maintenance Repair and overhaul of machines and equipments. The Group is present in over 100 countries with 32 subsidiaries and an international network of import-distributors. The Group operates 7 manufacturing plants and 4 laboratories of R&D. ORAPI is certified ISO 9001 and ISO 14001.

PHYSICAL PROPERTIES

Appearance:	Paste
Colour:	Blue
Soap:	Lithium complex
Density	0.90
NLGI grade.....	2
Drop point (NFT 60-102)	> 240° C
DN factor (mm x rpm).....	500.000
Work Penetration (NFT 60-132)	265 / 295
Penetration 100,000 strokes (NFT 60-132).....	σ-30
Shell 4 balls weld test (ASTM D 2596).....	315 kg
Dye penetration / bleeding test 30 days at 100° C	0.5 %
Timken O.K. load (ASTM D2509).....	45LB or 20.41kg
Anti-corrosion (EMCOR) (NF 60-135)	0/0
Lifetime at 10.000 rpm @ 150° C	1200 hrs
Oil separation after 30 days @ 100° C	0.5%
Operating temperature range	- 30° C to + 230° C

DIRECTIONS FOR USE

CTDMEP 2 is not compatible with the following greases: silica, clay, sodium. Complete purging or cleaning is required. Apply grease evenly in thin layers to surfaces.

STORAGE & SAFETY

Two years, stored in closed original packaging at ambient temperature.
Under normal condition of use, no specific hazard.

For further information, please consult the Materials Safety Data Sheet.

PACKAGING

Cartridge 400g x 12 (ref: O-0606-C4)

WARRANTY

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