



# CT 41

## EXTREME PRESSURE WEATHERPROOF GREASE

### DESCRIPTION

CT 41 is a heavy duty, complex, polymer fortified adhesive grease, formulated for equipment and mechanisms operating under high shear stresses or high loading conditions.

CT 41 exhibits superior mechanical stability, exceptional extreme pressure lubrication, water and heat resistance.

### APPLICATIONS

CT 41 is recommended as a multi-functional lubricant where pressure capability, high temperature stability and water resistance is required or desired:

#### Industrial Equipment:

All types of bearings in general plant lubrication such as pillow-block, thrust, swivel joints couplings, sleeve, anti-friction, chain drives, shafts, open gears and drives, cams, pistons, articulated joints, slides conveyors, garage door tracks, hinges, fork lift guides, rollers, valves and hose coupling...

#### Automotive / Construction Equipment

Wheel bearings, chassis, disc brakes, universal joints, king pins, tie rods, bucket pins, hinges, linkage and springs, fifth wheels, telescopic arms, overhead cranes, slides, door handles and tracks, cams and pistons, cables and gears, latches...

#### Marine Equipment:

Gear drives, chain drives, rudders and steering bearings, outboard lower drive bearings, trailer wheel bearings, drag lines and on board winches and cranes subject to corrosive salt water and heavy shock loads.

### PRODUCT BENEFITS

- Unique anti-wear and extreme-pressure properties.
- Protect mechanisms from overloads, shock loads and shearing stresses.
- Excellent shearing stability.
- Stays in place – will not get pounded out, slung off or squeezed out under severe service.
- Perfect adhesion to metal surfaces with its special fortified synthetic polymers.
- Does not emulsify from water contact or pressure cleaning.
- Excellent resistance to oxidation - long term protection of surfaces from fresh, rain or sea water.
- Maximum protection against the entry of sand, dirt, dust and water thanks to its fibrous texture.
- Good stability over prolonged periods.
- Extends life of mechanisms operating under to extreme pressure.
- Reduces equipment failure and premature parts replacement.
- Reduces labour cost and downtime.

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## APPROVALS

Exceeds the performance requirements of US Military Specifications MIL-G-23549D and MIL-G-18458D.

## PHYSICAL PROPERTIES

Appearance:	Fibrous Paste
Colour:	Gold / Amber
Thickener:	Lithium Complex
Base Oil	Mineral
Viscosity Base Oil SUS @ 40°C	145 cSt
Viscosity Base Oil SUS @ 100°C	10.9 cSt
NLGI grade	2
Penetration, W/60 (ASTM D217)	265 / 295
Drop point (ASTM D2265)	260°C
Pour point	-30°C
Specific Gravity (water = 1)	0.8675
Water Washout, @ 174°F (ASTM D1264)	5%
Timken O.K. Load (ASTM D2509)	80LB
Four Ball EP:	
Load Wear Index (ASTM D2596)	58Kg
Weld Point (ASTM D2596)	400Kg
Wear, Scar dia. Mm (ASTM D2266)	0.9
Operating temperature range	-20 to + 230°C
Wheeling Bearing Test (325°F, 640 RPM, 60g)	3g Loss Max
Operating Speed	Up to 3500 RPM

## DIRECTIONS FOR USE

CT 41 is not compatible with the following greases: bentonite clay, silica, sodium.  
Complete purging or cleaning is required.  
Clean surfaces to be lubricated with a solvent. Apply grease 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

35 Lb Pail	(ref: O-0627-O1)
400g Cartridge x 10	(ref: O-0627-C4)

## WARRANTY

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