



# M 7

## HIGH SPEED GREASE EXTREME COLD

Reinforced with MoS2

### DESCRIPTION

M7 grease is a high quality lithium-based grease that offers enhanced performance. M7 is specifically formulated for use at temperatures down to -70°C on mechanisms running at very high speed.

### APPLICATIONS

Ball bearings, roller bearings, needles and rollers, main bearings, chains, hinges, etc. when these mechanisms are subject to extreme cold or if they run at very high speeds.

### PRODUCT BENEFITS

- Contains extreme pressure, anti-wear, anti-oxidizing additives without heavy metals.
- Contains molybdenum disulphide to enhance its anti-wear and extreme pressure performance.
- Adheres well to metals and demonstrates good resistance to water and dust.

### APPROVALS

Complies with the AIRBUS specifications and as such is included in the PQ81600.  
Meets the requirements of the aerospace and defence industry: AIR 4217A-4210B-NATO G353- NATO G354-US MIL G 21164D-UK DEF STAN 91 57/1.

### PHYSICAL PROPERTIES

Colour .....	Grey black
Soap / oil .....	Lithium / ester
Operating temperature .....	-70°C to 120°C
Drop point (NFT 60-102) .....	187°C
NLGI grade.....	2
Worked penetration after 60 strokes (NFT 60-132).....	265-295
Anti-rust performance (EMCOR) (NFT 60-135).....	0 score
4-balls EP test (ASTM D 2596) .....	> 500 kg
DN factor .....	1,000,000
Emcor corrosion (NFT 60-135).....	0-0
Copper blade 24 hours at 100°C (ASTM D 2596) .....	1a
Torque at 73°C start-up (ASTM D 1478) .....	< 10 daN.cm
Torque at 73°C after 1 hr (ASTM D 1478) .....	< 1 daN.cm
Oil separation after 3 days at 100°C .....	< 5%
Endurance on bearing at 121°C > 1200 hours	
MoS2 content > 5%	

## DIRECTIONS FOR USE

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Clean and degrease the parts before applying grease.

## PACKAGING

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1 kg tin

(ref: O-0674-B7)

## WARRANTY

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