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## CASMOLY MP-132

Multi-purpose Grease

### ○ Description

CASMOLY MP-132 grease is high-quality lithium-soap grease containing an optimum percentage of solid lubricants in combination with other highly effective extreme pressure additives.

It has a wide range of applications and is well suited for plain and anti-friction bearings as well as other grease-lubricated machine elements. It performs equally well under high loads and high speeds or low speeds and reciprocating motion.

Even at very high surface pressures in the range of boundary lubrication, it reduces the coefficient friction and presents metal-to-metal contact thus minimizing wear. It markedly improves running-in conditions and ensures quieter operation of machines.

### ○ Characteristic

- Excellent extreme pressure properties
- Good Reduction of wear, extended lubrication intervals and good resistance to water, oxidation and corrosion
- Good pumpability in automatic dispensing equipments and centralization of lubrication systems regardless of the feed line length
- Service temperature: -30°C ~ +140°C

### ○ Main Ingredients

- mineral oil, synthetic oil
- Lithium soap thickener, MoS<sub>2</sub>
- special solid lubricants additives

### ○ Application

- All types of antifriction bearings
- Plain bearings and guides
- Joints and spline shafts
- Threaded spindles and small gear units at low speeds and ball bearings subject to severe impact loads or exposed to extreme atmospheric conditions

### ○ Packing

- 1KG/CAN, 15KG/PAIL, 180KG/DRUM

### ○ Typical Properties

Test Items	CASMOLY MP-132	Test Method
Appearance	Black	-
NLGI	2	-
Worked Penetration (25°C)	265~295	ASTM D 217
Dropping Point (°C)	195	ASTM D 566
Water resistance (20°C, 50°C, 90°C)	Grade 0	DIN 51807
Copper strip corrosion	1a	ASTM D 4048
Oil Separation, (wt%)	3.0	ASTM D 6184
Oxidation stability (kg/cm <sup>2</sup> )	0.25	ASTM D 942
Emcor corrosion	Grade 0	DIN 51802
4 Ball E.P. (kg)	315	ASTM D 2596
4 Ball wear (mm)	0.58	ASTM D 2266

\*ASTM: American Society for Testing & Materials.

☞ All values are not intended for use in preparing specifications.