

AF-MOLY 2

3% MoS₂ Heavy Duty Grease



Features & Benefits

- 3% Molybdenum disulfide (MoS₂) formulation
- NLGI-certified LB for chassis lubrication
- Good load-carrying ability
- Good high-temperature performance
- Good water resistance
- Multipurpose

Typical Results

Test Method	AF-MOLY 2
THICKENER TYPE (D128)	Lithium Complex
NLGI GRADE	2
COLOUR	Grey
VISCOSITY, OIL COMPONENT (D445), cSt @ 40° C	155 – 185
CONE PENETRATION @ 25° C, WORKED, 60 STROKES (D217), (0.1 mm)	265 – 295
DROPPING POINT (D2265), (°C)	260
4-BALL EP TEST WELD LOAD (D2596), (kg)	400
4-BALL WEAR SCAR DIAM. (D2266), (mm)	0.50
TIMKEN OK LOAD (D2509), (lbs.)	50 min
LOW TEMPERATURE TORQUE (D4693), (N*M)	2.4
OIL SEPARATION (D1742), (%)	4.0
MoS ₂ CONTENT (D128), (%)	3.0
OPERATING TEMPERATURE (°C)	-20 to 218

Sizes & Order Codes

Size	AF-MOLY 2
Box 10, 400 g Tubes	FG006512
17 kg / 37.5lbs Pail	FG006540
55 kg / 121.3lbs Keg	FG006545



AF-MOLY is a heavy-duty extreme pressure grease formulated with lithium complex soap thickener, high-quality base oils and 3% molybdenum disulfide (MoS₂) developed for industrial applications and automotive chassis lubrication where the grease may tend to be squeezed out.

AF-MOLY provides good corrosion, oxidation resistance, and mechanical stability at high temperatures and under heavily loaded conditions. The presence of MoS₂ provides a dry film lubricate for load-bearing surfaces.

AF-MOLY is certified by the NLGI to its top-performance chassis grease rating, LB.

AF-MOLY greases are not intended for use in rolling bearing applications. Lubex EP and Lubex SYN are recommended for these applications.

Applications

AF-MOLY greases can be used in the following industries: *Forestry, Marine, Fleet, Rail, Construction, Mining and Drilling.*

Forestry: Feller bunchers, harvesters and knuckleboom loaders

- Clamp jaw pivots, turret gears, bucket pins, and boom slides
- Linkages/stabilizers and control linkages

Telehandlers:

- Tine pivots and boom slides
- Control linkages
- Tine-width ball screws

Marine: Winches, capstans and windlasses

- Ratchet teeth
- Wire Rope/cables' spool drives

Fleet: Truck and trailer

- King pins & ball joints
- 5th wheels and 5th wheel pins
- Bushings
- Brake adjusters

Rail: Locomotives and trolleys

- Car couplings
- Door slides

Construction, Mining and Drilling: Crushers, shakers, screeners

- Oscillation cams
- Open pinion gear

Always consult your owner's manual for verification of fluid type and grade!

Supporting data available to demonstrate acceptable performance. Check with your sales associate for latest product approvals.

Please note, these are typical performance indicators and can change without notice.

This data sheet replaces previous versions prior to September 27th, 2022.

www.irvingoil.com/lubricants 1.800.574.5823