



AF-Moly Plus

5% MoS₂ Heavy Duty Grease

Features & benefits

- 5% Molybdenum disulfide (MoS₂) formulation
- Satisfies Caterpillar's 5% "moly" content
- Available in two NLGI grades: 0 & 2
- Good load-carrying ability
- Good high-temperature performance
- Good water resistance



Typical results

Test method	AF-Moly Plus 0	AF-Moly Plus 2
THICKENER TYPE (D128)	Lithium Complex	Lithium Complex
NLGI GRADE	0	2
COLOUR / APPEARANCE	Grey / Smooth	Grey / Smooth
VISCOSITY, OIL COMPONENT (D445), cSt @40°C	155 – 185	155 – 185
CONE PENETRATION @25°C, WORKED, 60 STROKES (D217), 0.1mm	355 – 385	265 – 295
DROPPING POINT (D2265), °C	240	260
4-BALL EP WELD POINT (D2596), kg	400	450
4-BALL WEAR SCAR DIAM. (D2266), mm	0.60 max	0.50
TIMKEN OK LOAD (D2509), lbs	-	50 min
LOW TEMPERATURE TORQUE (D4693), N*M	2.4	2.4
OIL SEPARATION (D1742), %	4.0	4.0
MoS ₂ CONTENT (D128), %	5.0	5.0
OPERATING TEMPERATURE, °C	-20 to 218	-20 to 218

Sizes & order codes

Size	AF-Moly Plus 0	AF-Moly Plus 2
Box 10, 400 g Tubes	FG006712	FG007812
17 kg / 37.5 lbs Pail	FG006740	FG007840
180 kg / 396.8 lbs Drum	FG006750	FG007850

AF-Moly Plus are heavy-duty extreme pressure greases formulated with lithium complex soap thickener and high-quality mineral oil. They are fortified with 5% molybdenum disulfide (MoS₂) to provide dry film lubrication for load-bearing surfaces in applications with friction and the tendency for squeezing out.

AF-Moly Plus greases are available in two NLGI grades:

- NLGI 0 is suitable for automatic greasing applications
- NLGI 2 is intended for manual greasing applications

AF-Moly Plus satisfies Caterpillar's requirement for a 5% "moly" grease. Other OEM equipment requirements are also satisfied where at least 3% "moly" is required.

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

Applications

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

Forestry: Feller bunchers, harvesters and knuckle boom loaders

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

Telehandlers:

- Tine pivots, boom slides, control linkages and tine-width ball screws

Marine: Winches, capstans and windlasses

- Ratchet teeth
- Wire Rope/cables' spool drives

Fleet: Truck and trailer

- Kingpins, ball joints and bushings
- 5th wheels and 5th wheel pins

Rail: Locomotives and trolleys

- Car couplings
- Door slides

Construction, Mining and Drilling: Crushers, shakers, screeners

- Oscillation cams
- Open pinion gear