



# AF MOLY PLUS

## 5% Moly Heavy Duty Grease

### Features & Benefits

- Good load-carrying ability
- Good high temperature performance
- Good water resistance
- Satisfies Caterpillar's 5% "moly" content

### Sizes & Order Codes

Moly Plus 0	Moly Plus 2
400G Box 10 Tubes FG006712	400G Box 10 Tubes FG007812
17KG (37.5 lbs.) Pail FG006740	17KG (37.5 lbs.) Pail FG007840
55KG (121.3 lbs.) FG006745	55KG (121.3 lbs.) n/a
180KG (396.8 lbs.) Drum FG006750	180KG (396.8 lbs.) Drum FG007850

### Typical Results

NLGI Grade	0	2
COLOUR	Grey	Grey
THICKENER TYPE	Lithium Complex	Lithium Complex
APPEARANCE	Smooth	Smooth
VISCOSITY, OIL COMPONENT (D445) cSt @ 40°C	155-185	155-185
WORKED PENETRATION (D217) @ 25°C	355-385	265-295
DROPPING POINT (D2265) (°C)	260	260
4-BALL-EP (D2596) WELD POINT (kg)	400	400
4-BALL WEAR (D2266) WEAR SCAR DIAM. (mm)	0.60 max	0.60 max
MoS <sub>2</sub> CONTENT (%)	5%	5%
OPERATING TEMP (°C)	-30 to 200	-20 to 220
LOW TEMP. TORQUE (D4693) (N-m)	2.4	2.4
OIL SEPERATION (D1742) (%)	4.0	4.0



**AF-MOLY PLUS** is heavy duty grease that is fortified with 5% molybdenum disulfide to provide dry film lubrication for load-bearing surfaces in applications where the grease may tend to be squeezed out and where there is a high degree of rubbing rather than rolling motion.

**AF-MOLY PLUS** is ideal for automatic greasing systems on construction equipment and is recommended for the lubrication of joints, slides, splines, pins, bushings, linkages hinges and many other applications.

**AF-MOLY PLUS** satisfies the requirements of many equipment manufacturers for greases that must contain at least 3% "moly". It also satisfies Caterpillar's requirement for special application grease that must contain 5% "moly".

In general greases that contain "moly", or any other dry lubricant or filler are not recommended for use in rolling high-speed bearings. The particle size of "moly" is extremely small however particles in the grease can cause surface distress in the repetitively loaded surfaces of rolling bearings.

**AF-MOLY PLUS** is ideal for use in automatic greasing systems. It is available in NLGI grade 0 for easy pumping in such systems.



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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 01/30/19

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