



LUBRICANTS



Product Data Sheet

Gulflex® 5% Moly Grease

Outstanding protection in construction and mining

Heavy-duty, high performance, extreme pressure (EP) grease fortified with 5% molybdenum disulfide (MoS₂ commonly referred to as “moly”) to meet Caterpillar’s Multipurpose Molybdenum Grease (MPGM) requirements. It is primarily intended for agricultural, mining, and construction equipment applications, as well as most heavy-duty industrial applications requiring protection from heavy shock loading situations. The presence of moly provides reserve protection in these situations which helps to prevent metal-to-metal contact and costly equipment downtime. The presence of moly is also valuable in unclean environments or when proper re-greasing intervals are not followed.

Features and Benefits

- High base oil viscosity
- Excellent protection against wear
- Low oil separation
- Excellent load carrying capabilities
- Superior rust and corrosion protection
- Wet condition lubrication

Applications

- Heavy shock loads
- Meets Caterpillar’s MPGM
- Pivot pins, splined shafts
- Earthmoving equipment, farming, mining
- On-highway truck fleets
- Meets Mack MG-C

Typical Properties

Property	Test Method	Value
NLGI Grade		#2
Product Code		343017
Thickener Type	ASTM D-128	Lithium Complex
Color		Grey
Texture		Smooth
Base Oil Viscosity, cSt @ 40°C	ASTM D-445	350
Molybdenum Disulfide, wt%	ASTM D-128	5.0
Dropping Point, °F (min)	ASTM D-2265	500 (min.)
Four-Ball Wear Test, mm	ASTM D-2266	0.40
Four-Ball Weld Point, kgf	ASTM D-2596	620
Water Washout, wt.% loss @ 175°F	ASTM D-1264	2.0
Copper Strip Corrosion	ASTM D-4048	1b
Rust Prevention, rating	ASTM D-1743	Pass
Timken OK Load, lbs. (min)	ASTM D-2509	55

These properties are typical of current production, minor variations are to be expected in normal manufacturing.

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