

HD MOLY XTREME 5

Extreme Duty Grease

General Description

HD Moly Xtreme is extreme duty grease developed and recommended for off-highway construction and mining equipment. Familiar names are: Caterpillar, Komatsu, Dresser, Terex, Le Tourneau, P&H and others. This includes dozers, scrapers, shovels, haul trucks, cranes, and drag lines

HD Moly Xtreme is produced with specially selected base oil combined with a modern calcium complex thickener for high temperature, high moisture, outstanding water washout and EP protection. In addition, a carefully balanced additive package gives superior rust, corrosion, oxidation, and wear protection.

Molybdenum disulfide (Moly) and other EP additives are present to protect against wear, metal to metal contact and shock loading. This combination provides excellent performance and protection in all types of extreme-duty applications.

Expect Superior Performance in:

- Harsh working environments
- Bucket pins, Pivot pins, Spine shafts, Sliding surfaces
- High temperature applications
- Water washout resistance
- Heavy shock loading conditions
- Reserve protection and extended service

Features and Benefits

E.P. Performance: Superior extreme pressure properties (60 lb. Timken) reduce wear and maintenance costs.

Long Life: Enhanced oxidative and structural stability lead to longer grease life, less frequent greasing, extending equipment life and reducing down time.

High Moly Content: HD Moly Xtreme contains 5% Molybdenum Disulfide (“Moly”) effectively reducing metal-to-metal contact in harsh environments where extreme pressure and high shock conditions exist.

Shock Loading: Special EP additives exhibit superior resistance to wear from shock loading and heavy-duty applications.

High Dropping Point: Dropping point of 550°F demonstrates the ability to operate in a wide temperature range.

Rust and Corrosion Protection: Superior rust and corrosion prevention in the presence of moisture leads to prolonged equipment component life.

Environmentally Friendly: This grease formulation does not use additives containing heavy metals for its performance making it friendlier to the environment.

Grease Compatibility: Use of modern technology calcium complex soap makes it resistant to separation and compatible with major OEM construction greases.

Typical Applications

HD Moly Xtreme is recommended for:

- OEM (MPGM) 5% Moly Grease
- Construction, Mining, Agriculture
- High moisture applications
- Severely loaded applications
- 5th wheel grease

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Typical Customer

- Construction companies
- Mining service companies
- Off-highway equip service shops
- Industrial plant equipment
- Agricultural equipment operators & shops

Health & Safety

A complete material safety data sheet is available upon request. Avoid prolonged or repeated skin contact. Wash clothing and exposed areas with soap and water. Don't pollute.

Typical Properties

	HD MOLY XTREME
NLGI Grade	2
Thickener	Calcium Sulfonate Complex
Molybdenum Disulfide, wt. %	5
Texture	Smooth
Color	Grey
Penetration, 60 stroke	280
Dropping Point	550° F
Timken EP (OK load, lb)	60
4-Ball EP (weld point min, kg)	800
4-Ball LWI	135
4-Ball Wear (scar, mm max)	0.5
Rust Prevention	Pass
Copper Corrosion	1A
Salt Fog Test (hours to failure)	4000+
Oxidation Stability (psi loss, max)	3
Water Washout (% loss @ 175 F)	2
Oil Separation (grams, max)	2
Mineral Oil Viscosity cSt, 40°C	150
Operating Range °F	-12 to +350

The typical properties listed reflect the general characteristics of the product, and are not manufacturing specifications. Normal batch-to-batch variations should be expected.

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