



MOLYPLEX V460

Premium Multi-Purpose Heavy Duty Grease, contains with 3% MoS₂

Molyplex V460 is a premium, extreme pressure, lithium complex soap grease made of high viscosity base oil and fortified with molybdenum disulfide. It has a smooth, uniform texture and very good mechanical stability as indicated by its resistance to change in consistency. The high drop point and complex soap structure enable it to be used for extended service intervals. It has superior water wash out resistance, oxidation resistance and is not corrosive.

Molyplex V460 is highly effective in a wide variety of demanding applications. Its extreme pressure characteristics make it a natural lubricant for high load applications. Superior shock resistance provides improved performance in applications such as pile drivers, back hoes, front end loaders and other types of equipment subjected to heavy slamming and pounding. Outstanding water resistance makes it a highly recommended grease for applications such as trenching machines, bulldozers and many other types of equipment. And its superior chemical stability makes it a highly effective grease for preventing rust and other forms of corrosion in applications such as paper mills, waste water treatment plants and textile plants where acidic contaminants can damage anti-friction components.

BENEFITS

- Powdered moly is a truly unique anti-friction compound that works all the time to reduce friction, heat and wear
- Provides efficient lubrication in shock load and sliding applications like automotive chassis parts including shackle pins, ball joints and other lubrications points in construction and mining equipments
- Excellent protection against wear, rust oxidation and corrosion. This extending equipment life and reducing maintenance cost

APPLICATIONS

- Meets Caterpillar MPGM lubricant specification AARM-929 69 for 3 percent molybdenum disulfide (MoS₂)
- Recommended operating temperature range is -18°C to 189°C
- Good pumpability characteristics provides suitable flow properties for most centralized lubrication system applications



TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Test Description	Method	Typical Results
NLGI Grade		2
Thickener Type	-	Lithium Complex
Colour	Visual	Grayish Black
Worked Penetration at 25°C	ASTM D217	265-295
Dropping Point, °C	ASTM D566	270
Base Oil Viscosity, cSt at 40°C	ASTM D445	460
Timken OK Load, lbs	ASTM D2509	65
Cooper Strip Corrosion	ASTM D4048	1A
Four Ball Wear Test, mm	ASTM D2266	0.5
Rust Rating	ASTM D1743	PASS

HEALTH AND SAFETY

Avoid prolong and repeated skin contact, wear suitable protective clothing and gloves. After skin contact, wash immediately with soap and water. When disposing of used product, be responsible to the environment, do not discharge into drains, soil or water. Take used product to an authorised collection point.