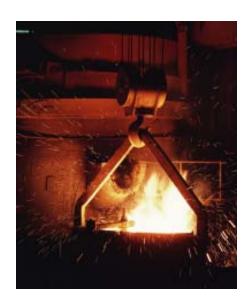


Moly^{XP} Universal Extreme Pressure Grease

Formulated with Moly^{xp} & Lubium® II

Wear from heavy loads can cause a wide range of problems. SWEPCO 165 Moly^{XP} Universal Extreme Pressure Grease is a high performance multiservice lubricant formulated to deliver unsurpassed protection and sealing of a wide range of processes and equipment. SWEPCO's Syntheon™ synthetic base stocks, over-based calcium sulfonate base and advanced additive chemistry, such as Moly^{XP} and Lubium[®] II, provide superior lubrication, wear resistance, corrosion and rust resistance and sealing for all types of industrial applications. Insure proper operation, longer life and less downtime with SWEPCO 165.



KEY BENEFITS

- Recommended for heavy equipment, open gears, steel mills, construction & other types of processes
- Helps protect metal surfaces from wear caused by metal to metal contact & abrasive materials
- High viscosity polymers & solids with exceptional metal surface adhesion help seal bearings ... preventing leaks, entry of abrasives & loss of operation pressures
- Excellent protection from corrosion caused by water, alcohols, glycols, CO₂, H₂S, & other solvents and caustic chemicals
- Compatible with all commonly used seal materials
- Will not harm advanced metallurgy or coatings
- Wide temperature range (10°F to 750°F intermittent)
- Resists high temperature oxidation, thinning & bleeding
- Reduces pressure related problems & downtime







Feature	Benefit
Syntheon™ Synthetic Base Stock Blends	 Gives you a more uniform viscosity over a wide temperature range Helps improve high temperature oxidation and thermal stability Better low temperature performance Extends service life
Moly ^{XP}	Adds a protective film on metal surfaces that dramatically reduces friction & wear
LUBIUM® II	Enhances oxidation and corrosion resistance
Oxidation Inhibitor	Reduces oil thickening Helps prevent high temperature deposits that result from oxidation
Rust & Corrosion Inhibitor	Builds a chemical bond with the surface to keep moisture and acids from penetrating and attacking the surfaces
Oiliness Additive	Enables the oil to penetrate the surface for better lubrication
Anti-Wear Additive	Helps prevent metal to metal contact, friction and wear
Extreme Pressure Additive	• Increases film strength of the oil giving it the ability to withstand extreme pressures without harming yellow metals
Seal Compatibility	Compatible with all commonly used seal materials
Viscosity Index Improver Additive	Less high temperature thinning and low temperature thickening
Long Life	High performance formulation delivers longer lubricant life

Typical Physical Properties

N.L.G.I. Classification	#2.	#1
Penetration, 60 strokes @77°F	265-295	315-340
Timken OK Load, lbs. (ASTM D250	9)60.	60
Four Ball EP Test (ASTM D2596)		
Weld Load, kg		
Load Wear Index	66	65
Four Ball Wear Test (ASTM D4172)mm0.36.	0.38
Dropping point,		
(ASTM D2265)	>586°F (>308°C).	580°F (304°C)
Base Oil Viscosity, cst @40°C	2855.	113
Base Oil Viscosity, cst @40°C	2855.	113
,	2855. 177.	113 12
Base Oil Viscosity, cst @40°C Base Oil Viscosity, cst @100°C Base Oil Viscosity Index Base Oil Pour Point.	2855. 177. 172.	113 12 95
Base Oil Viscosity, cst @40°C Base Oil Viscosity, cst @100°C Base Oil Viscosity Index Base Oil Pour Point.	2855. 177. 172.	113 12 95
Base Oil Viscosity, cst @40°C Base Oil Viscosity, cst @100°C Base Oil Viscosity Index	2855. 177. 172. 10°F (-12°C)	113 12 95

Typical Performance Characteristics

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Suitable for the Following Applications:

Can be used in open gears, drawbridges, heavy machinery, cranes, lifts, conveyors and a variety of other equipment.

Excellent choice for a wide range of applications and valves in refineries, chemical plants, utility plants, steam plants, pipelines and distribution systems, well head operations, steam assisted gravity drain (SAGD) operations, industrial plants, irrigation, waste water treatment plants, water systems and any other application that relies upon process or control valves.

It is also recommended for ubrication and protection of pipe threads, gaskets, couplings, water well casing, nipples, packings, drive chains, bull gears, ring gears, U joints, CV joints, wheel bearings, compactors, pelletizers and a body grease for storage and transport for valves, pipes and fittings.

Not Recommended for the Following:

Any valves used to control fluorine, oxygen or strong oxidizers or any ball or check valves with small orifices that might be plugged by solids in the lubricant.



















A Product of SPX Technology™.

... the cutting edge performance SWEPCO Customers have come to expect since 1933

Southwestern Petroleum Corporation