SUPERIOR ALX 5M EP

Extreme Pressure Grease with 5% MoS_2 (“Moly”)

SUPERIOR ALX 5M EP is a stable, long-life aluminum complex-thickened grease for use in heavily loaded equipment where robust protection is needed. It contains 5% molybdenum disulfide for additional wear protection, especially when re-lubrication is infrequent.

SUPERIOR ALX 5M EP provides outstanding protection under extreme conditions as indicated by the Four Ball test results shown in the data table below. This has been done while minimizing the use of chemically active EP additives which degrade the thickener and shorten the life of the grease.

A special polymer improves adhesion to metal and causes the grease to repel water. SUPERIOR ALX 5M EP also contains additives to prevent rust on ferrous metal and corrosion on copper and its alloys.

BENEFITS:

• LONG LIFE – reducing labor and material costs.

• WATER RESISTANCE – natural water-repelling characteristic is augmented by a special polymer.

• HEAVY DUTY – recommended for use on slow and medium-speed bearings and bushings under moderate to very heavy load. Not for electric motor bearings.

APPLICATIONS:

AUTOMOTIVE AND EARTHMOVING APPLICATIONS – Wheel bearings, slewing bearing, vehicle chassis points and U-joints, as well as pins & bushings.

WATER & CONTAMINANTS – suction and end rolls on papermaking machines, lower bearing of Archimedes screws, boat trailer wheel bearings and other wet applications.

HIGHLY LOADED EQUIPMENT – Pellet mills, shaker screens, belt conveyors, centrifuges, hammermills, fan bearings.

ASTM #	CHARACTERISTICS			
	Grade	**0**	**1**	**2**
D-217	**Cone Penetration, (**Worked**)**	355-385	310-340	265-295
D-2265	**Dropping Point,** °F (°C)	500 (260)	507 (264)	535 (280)
D-445	**Kinematic Viscosity** csSt @ 40ºC	320	320	320
D-2596	**Four Ball EP** Weld Point, kg	>500	>500	>500
D-1743	**Rust Test**	Pass	Pass	Pass
	Copper Corrosion Test, 3 hours @ 100°C	1b	1b	1b
	Solid Lubricant (MoS_2) %	5	5	5
	Approximate Temperature Range, °F °C	+5 to 300 -15 to 150	+15 to 300 -10 to 150	+23 to 300 -5 to 150

The above are typical values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

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Brazil: 55 11 2164.3999. USA: 832-491-8873
commercial@unotech.com.br
www.unotechinternational.com