

DURALIFE® MOLY MoS2 CHAIN LUBRICANTS

DURALIFE® MOLY MoS2 CHAIN LUBRICANTS are manufactured from penetrating oils with molybdenum disulfide MoS2 and special anti-wear and tackiness additives to provide long-lasting lubrication and optimum protection over a wide temperature range for lubricating efficiently and reducing the friction on the pins, rollers, bushings of the chain and drive sprocket under severe operating conditions. Molybdenum disulfide is twice as slippery as graphite and forms a bond with metal to be an excellent lubricant even if the oil is temporarily squeezed out under pressure. They help minimize wear, dripping and sling-off during Chain operation.

APPLICATIONS :

DURALIFE® MOLY MoS2 CHAIN LUBRICANTS are recommended for use in all chain drives to include : pin and bushing areas, open gears, sprockets, slides, hoists, conveyers, winches, cables, wire rope and sheaths in automotive, industrial, marine, farming, construction, and mining applications.

BENEFITS :

- Contain Molybdenum disulfide.
- Lasting lubrication for difficult applications where normal lubrication is not effective.
- Excellent antirust, anti-wear, anti-corrosion, anti-foam properties.
- Formation of a protective layer that rejects abrasive particles such dirt, sand, and salt.
- Excellent adhesion to chain and sprocket.
- Help reduce heat and friction to extend chain and bar life and minimize energy consumption.
- Designed for high rates of wood-chip removal.
- Adhere to metal parts, resist centrifugal throw-off under heavy cutting and high speeds.

TYPICAL CHARACTERISTICS :

Test	Method	MoCL 22	MoCL 46	MoCL 100	MoCL 150	MoCL 220
ISO Viscosity Grade		22	46	100	150	220
Specific Gravity @ 15.6°C (60°F)	ASTM D1298	0.870	0.875	0.880	0.890	0.895
Viscosity @ 40°C, cSt	ASTM D445	22	46	100	150	220
Viscosity Index	ASTM D 2270	100	100	102	105	110
Flash Point, °C (°F)	ASTM D92	180 (356)	200 (392)	215 (419)	220 (428)	233 (446)
Pour Point, °C (°F)	ASTM D97	-25 (-13)	-20 (-4)	-15 (5)	-12 (10)	-10 (14)
Four-Ball EP Test, Weld Load, Kg	ASTM D2873	250	250	250	250	250
Four-Ball Coefficient of Friction 60 Kg Load	ASTM D 5183	0.088	0.088	0.088	0.088	0.088
Timken EP Test, OK Load, lb.	ASTM D 2782	25	25	25	25	25
Rust test Procedure B	ASTM D 665)	Pass	Pass	Pass	Pass	Pass
Copper Strip Corrosion Test	ASTM D 130	1B	1B	1B	1B	1B
Color		Dark Gray	Dark Gray	Dark Gray	Dark Gray	Dark Gray
Texture/Presence of Tackifier		Pass (Tacky/Stringy)	Pass (Tacky/Stringy)	Pass (Tacky/Stringy)	Pass (Tacky/Stringy)	Pass (Tacky/Stringy)

The above characteristics are average values based on recent production .Minor variations which do not affect product performance are to be expected in normal manufacture .

WARNING :

Continuous contact with used oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children. Don't pollute. Conserve resources. Return used oil and bottle to collection centers

Reference SDS No 12131 database on our website at www.amtecol.com OR scan the code for a direct link

