

Technical Data Sheet
Revision Date: 01182024



MOS2 5% Moly Grease

Part Number (s): 41-1-152400-1 & 41-1-152400-2

Available Sizes:

400LB Drum

400g Lube-Shuttle® Cartridge



Product Description:

MOS2 is a lithium complex thickened grease formulated with 100 % virgin base oils, an optimized extreme pressure / anti-wear additive system, corrosion protection and oxidation protection additive packages. MoS2 is also fortified with a synergistic 5 % solids additive system that provides maximum EP and anti-wear properties.

Specific Applications:

Heavy industrial applications are subject to high heat, loads, shear, and water conditions. Ideal for applications where shock loading is present, and the grease must resist “Squeeze Out”. Mining / Construction applications of hitch pins, shackle pins, bushings, kingpins on buckets, excavators, shovels, and loaders. Slack Adjuster for over the road trucks.

Properties:

- Multi-Purpose High-Performance Grease
- Excellent Water Resistance
- Extremely Shear Stable
- Synergistic Solids 5%
- Shock Load Protection
- Rated for Extreme Pressure
- Excellent Corrosion Protection Rating and Anti-Wear Properties

Type	Value	Value	Unit	Standard
Product Name	MOS2 (1)	MoS2 (2)		
NLGI Grade	1	2		
Thickener	Lithium Complex	Lithium Complex		
Base Oil	Mineral	Mineral		
Texture	Tacky	Tacky		
Color/Appearance	Light Gray	Light Gray		
Penetration, Worked	310-340	265-295	0.1 mm	ASTM D 217
Dropping Point	500	500	F	ASTM D 2265
Oxidation, 100hrs	7	7	psi Drop	ASTM D 942
Rust Test Rating	Pass	Pass	Pass/Fail	ASTM D 1743
Roll Stability	+9	+10	%	ASTM D 1831
4-Ball Wear	0.55	.52	mm	ASTM D 2266
4-Ball Weld	800	800	kgf	ASTM D 2596
4-Ball LWI	127	145	kgf	ASTM D 2596
Base Oil Characteristics				
Viscosity @ 100°C	11.3	16.8	cST	ASTM D 445
Viscosity @ 40°C	145	245	cST	ASTM D 445
Flash Point	420	420	°F	ASTM D 92
Pour Point	5	5	°F	ASTM D 97

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