

TECHNICAL DATA SHEET

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DESCRIPTION

JET-LUBE's WLD™ is highly tenacious, adhesive lubricant containing both molybdenum disulphide (MoS₂) and graphite, and is specially formulated for use on wire lines, cable and open roller chains. **WLD** penetrates the outer strands of wire rope and cable, displacing moisture, and permeating to the core of the rope or cable, lubricating and protecting against each strand.

As the carrier solvent of WLD evaporates, a thin, flexible film of lubricant is formed. This barrier film prevents the incursion of moisture or dirt between the strands, and contains rust and corrosion inhibitors to prevent both abrasive and corrosive wear, significantly prolonging the life of cable and wire rope. The barrier film of **WLD** protects against the formation of rust and prevents "rust binding", which reduces cable flexibility and life; increasing friction and wear. The barrier also offers protection against corrosion, preventing pitting of wire strands that can cause fatigue failure in the cable or rope. **WLD** also performs effectively in the presence of high humidity or salt water.

WLD resists being thrown or dripping off the cable or rope even at the highest operating speeds. Because it is a "thin film" lubricant, constant replenishment of the lubricant is not required, thus reducing the cost of lubricant application.

CHARACTERISTICS

- Penetrates
- Replaces Moisture
- Lubricates
- Prevents Rust/Corrosion
- Will Not Throw or Run Off
- Does Not Attract Dirt or Dust

PACKAGING

Inventory Code	Container Size	Container
28541	12 oz.	Aerosol
28510	7 Lb.	Pail
28516	5 U.S.Gallon	Pail



APPLICATIONS

WLD may be used on crane and drag line hoist and drag lines, elevator hoist lines; sprayed directly on sheaves, or winding drum faces; oilfield wire lines, offshore rig anchor cables, drilling lines, mast hoisting cables, or any wire rope cable that operates at extremes of operating speeds and loads in harsh environments.

JET-LUBE's WLD may also be used on open roller drive chains in both oilfield and industrial application; on motorcycle or snowmobile drive chains; conveyor drive chains; or any open roller chain.

OPERATING RANGE: -32°C TO 175°C (-25°F to 350°F)

COLOR - BLACK

PRODUCT SPECIFICATIONS

Thickener	Organo Clay Resins
Fluid Type	Petroleum Oil & Resins
Color/Appearance	Black Semi-Fluid
Dropping Point of Dried Film (ASTM D-566)	177°C (350°F)
Specific Gravity, Typical	1.10
Density (kg/liter), Typical	1.10
Oil Separation, Wt. % Loss @ 100°C (212°F)	>3.0
Flash Point (ASTM D-92)	>221°C (430°F)
Viscosity, Brookfield (ASTM D-2196)	
#7 Spindle, 10 rpm @25°C (77°F)	64,000 - 120,000 cps
Additive Type	Organic EP/AW/R & O/Graphite & MoS ₂
Copper Strip Corrosion (ASTM D-4048)	1A
Shell 4-Ball (ASTM D-2596)	
Weld Point, kgf	620
Load Wear Index	>85

LIMITED WARRANTY

Jet-Lube of Canada makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube of Canada Ltd. materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube of Canada Ltd.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube of Canada Ltd. shall not be liable for incidental or consequential damages.