



Trolley Wire Lube

Phillips 66® Trolley Wire Lube is a semi-fluid lithium grease specifically developed for the lubrication of mine trolley wires and shoes. With proper maintenance and frequent re-lubrication, it extends the life of the wires and sliders while keeping downtime and operating expenses to a minimum.

Trolley Wire Lube is manufactured with high quality paraffinic base oils thickened with a lithium 12-hydroxystearate soap. It is fortified with 10% graphite to reduce friction between the slider and cable helping to extend the life of the cable.

Trolley Wire Lube can be applied by a trolley wire brush applicator box, or it can be pumped to the wire by a direct grease line through a centralized grease system. Its special friction reducing properties allow for less frequent application than many other trolley wire lubricants.

Applications

- Trolley wires and shoes
- Wire ropes and cables exposed to moisture or salt water
- Hoists, cranes and aerial tram-ways
- Sliding mechanisms on underground mining equipment

Features/Benefits

- Water resistant
- Easy application
- Reduces friction
- Good adhesion
- Reduces slider and cable wear
- Stops slider “hop”
- Reduces maintenance and operating costs

**Mine Trolley
Cables and Shoes
Semi-fluid
Lithium Grease
10% Graphite**





Trolley Wire Lube

Typical Properties		
NLGI Grade		<000
Thickener Type		Lithium
Color		Gray
Texture		Semi-fluid
Graphite, wt %		10
Viscosity, Kinematic	ASTM D445	
Viscosity @ 40°C, cSt		68
Viscosity @ 100°C, cSt		8.5
Viscosity, Brookfield	ASTM D2983	
25°C, No. 4 Spindle, 20 RPM, 1 Minute, cP		650

Health & Safety Information

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet via <http://www.phillips66.com/SDS>.