



Trolley Wire Lube

Trolley Wire Lube is a semifluid lithium soap grease specifically developed for the lubrication of mine trolley wires and shoes. With proper maintenance and frequent relubrication intervals, it extends the life of the wires and the sliders while keeping downtime and operating expenses to a minimum.

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

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
- Cables and wires exposed to moisture or saltwater
- Wire ropes
- Hoists, cranes and aerial tramways
- Sliding mechanisms on underground mining equipment

Features/Benefits

- Water resistant
- Easy application
- Reduces friction
- Stays put
- Reduces slider and cable wear
- Stops slider "hop"
- Reduces maintenance and operating costs

Semifluid Lithium Grease With 10% Graphite For Mine Trolley Cables And Shoes

Contact Information

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1-800-822-6457

U.S. Technical Services Hot line:
1-800-766-0050

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+1-832-486-3363

E-mail address:
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Trolley Wire Lube

Typical Properties

NLGI Grade	<000
Thickener	Lithium
Color	Gray-Black
Dropping Point, °C (°F)	Not Applicable
Density, lbs/gal	8.25
Penetration, ASTM D217, Worked (60 strokes)	600
Texture	Semifluid
Viscosity, Brookfield, ASTM D2983, 25°C, No. 4 Spindle, 20 RPM, 1 minute, cP	650
Base Oil Properties,	
Viscosity,	
cSt @ 40°C	68
cSt @ 100°C	8.5
SUS @ 100°F	353
SUS @ 210°F	55
Viscosity Index	93

Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3.conocophillips.com/NetMSDS>.

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