



MAGNA TM WIRE ROPE GREASE

MAGNA TM WIRE ROPE GREASE – is a latest nanotechnology over based non setting grease. This product has the best natural lubrication properties due to their high-quality pseudoplastic thickener which has superior load carrying properties combined with superior anti-wear and EP properties, anticorrosive capacity and rust prevention.

This is suitable for use in most wire rope types and constructions operating in a wide variety of conditions and equipment such as cranes, ports, oilfield, construction, and mining. They can also be used in applications such as ROV umbilical cables to protect from corrosion.

Applications

This product is specially intended for the lubrication of heavy-duty machinery during severe operating conditions such as :

- High operating temperature
- Contamination with metal oxides
- Stands extremely heavy loads
- Wet and hot applications mainly found in steel mills, paper mills, saw mills, cement plants, mines, rock crushing, metal foundries as well as heavy duty machineries, automobiles, electrical motors and electrical conductors
- Works noiselessly
- Recommended for robust and heavy-duty applications
- Works on salt and acidic environment due to the high TBN value

SP. NOTE: Test reports shown in typical characteristics are proven in specified tests conditions and cannot be assumed as actual and cannot be constituted as specifications.

Features & Benefits

- High-load carrying and wear reduction capability protects wires and strands from wear.
- Excellent corrosion resistance protects ropes operating in wet conditions.
- Highly adhesive, tenacious film extends re-lubrication intervals.
- Excellent low-temperature flexibility prevents flaking and cracking.

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

Typical Characteristics

ALPHA WIRE ROPE GREASE	Result
Appearance	Translucent brown grease
NLGI Grade	1
Worked Penetration @ 25°C	310 - 340
Drop point, °C	>330
Rust test, Rating	Pass
Base oil Viscosity, cSt	460
Four ball Weld load, Kg	280
WATER WASH OUT,Wt%	<2.5
Salt spray	>500 hrs
TIMKEN OK LOAD,Lbs	65
Operating temperature range	-50 to 130 °C

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