

RL 1

GREASE

Heavy duty, extreme pressure semi fluid grease with MoS₂ solid lubricant

Product Description

ASV RL1 is a highly adhesive, semi fluid extreme pressure grease for lubrication and corrosion protection of wire ropes and steel cables operating under adverse conditions of load, temperatures or environment. It penetrates rapidly through wire rope strands to leave a completely water resistant heavy duty lubricating film which provides both internal as well as external lubrication & corrosion protection. The solid lubricants prevent wearing and premature damage of internal strands and increase the life of the wire ropes. ASV RL1 forms a protective and lubricating waterproof film over the surface which does not emulsify even if submerged in water.

Applications

On wire ropes and steel cables in all cranes, ships, hoists, elevators especially exposed to marine environment or under adverse operating conditions.

Benefits

- Protect against heavy loads, galling, and seizing
- Molybdenum disulfide solid lubricant & EP additives withstand high loads and pressures
- Reduces wear and friction
- Resists vibratory shocks
- Does not break down or melt or fling under prolonged use
- Effectively provides lubrication & corrosion protection even to the innermost strands

Directions for Use

Apply by spraying, brush or swabbing methods. Apply onto a clean, dry and degreased surface in thin light coats. Do not over apply.

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TECHNICAL PROPERTIES

Parameter	Value	Unit	Standard
Type	Grease with EP/AW additives and solid lubricants		
Appearance	Smooth grease		
Base oil	Mineral		
Base oil viscosity, @ 40°C	460	mm ² /s	DIN 51 562
Thickener	Non soap		
Color ¹	Black		
Penetration, worked	420-460	mm/10	ASTM D 217
NLGI consistency	00	Class	DIN 51 818
Density, @ 25°C	0.85- 0.95	g/cm ³	
Drop point	None	°C	ASTM D 566
Service temperatures	-25 to + 150	°C	
Copper strip corrosion test	1a		ASTM D 130
Water resistance, static evaluation test	0-90		DIN 51 807 pt.1

General

Use in well ventilated areas. Avoid continuous breathing of vapor and spray mist. In closed areas or areas with poor ventilation, use respiratory protection. For complete details on safety, short and long term exposure, refer to this product's safety data sheet (SDS).

Disposal

All used and unused product should be disposed of in accordance with state regulations.

Handling

Read instructions on the container label of the product before use. The product safety data sheet (SDS) contains the relevant information regarding personal protective equipment, safe use, physical and health hazards. Safety data sheet is available from ASV or your local ASV distributor.

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Available Packaging

500 ml aerosol spray, 5 kg, 20 kg, 170 kg

Shelf Life

36 months from date of manufacture in sealed condition.

Limited Warranty

The information and data contained in this sheet is accurate to the best of our knowledge or is obtained from sources, tests or experiences believed by us to be reliable and accurate. User is responsible for determining whether recommended ASV product is fit for a particular purpose. All products should be tested for suitability on a particular application prior to actual use. We make no representations of any kind. Data offered without warranty. Product manufactured is for industrial use only.

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