

CHAIN & WIRE ROPE NLGI # 1 GREASE

Heavy duty, multipurpose extreme pressure grease containing solid lubricants

Product Description

ASV® Chain & Wire Rope Grease # 1 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® Chain & Wire Rope Grease #1 forms a protective and lubricating waterproof film over the surface.

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
- Solid lubricant & EP additives withstand high loads and pressures
- Reduces wear and friction
- Resists vibratory shocks
- Does not break down or fling under prolonged use
- Effectively provides lubrication & corrosion protection even to the innermost strands
- Meets requirements of IS 508:1987

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.

CHAIN & WIRE ROPE NLGI # 1 GREASE

TECHNICAL PROPERTY			
Parameter	Value	Unit	Standard
Type	Semi fluid grease		
Appearance	Smooth, lump free, homogenous		
Base oil	Mineral		
Thickener	Lithium		
Base oil viscosity @ 40C	460	mm ² /s	ASTM D 445
Additives	Lubricating solids, EP, anti-wear and inhibitors for oxidation and corrosion		
Color ¹	Black		
Penetration	310-340		
NLGI consistency	1	Class	DIN 51 818
Drop point	+ 180	°C	ASTM D 566
Water washout	< 5	%	ASTM D 1264
Service temperatures	-20 to + 140	°C	
Copper strip corrosion test	1a		ASTM D 4048
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.

Available Packaging

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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