

CRG 100 Grade-1

High Performance Wire Rope, Chain & Cable Grease

Overview : There has always been a good quality wire rope lubricant which would primarily serve the following basic purposes.

- Reduce friction between strands especially when the rope bends as it passes over sheaves or drums.
- Protect strand surfaces against rusting and corrosion.
- Re-lubricate the hemp or steel core wire.
- **CRG 100 Grade – 1** has been designed keeping these in mind. It has been fortified with graphite and other chosen additives to address the above and give you a host of other benefits.

Benefits :

- Adheres well to strands to withstand temperature changes and rubbing off action.
- Good penetrating property to ensure proper hemp or core wire lubrication.
- Does not contain harmful ingredients which aid corrosion.
- **CRG 100 Grade – 1** resists water-washout or emulsification thereby forming a protective layer to guard against rust and corrosion.
- Has good shear stability to withstand adverse handling actions.
- Avoids messy shop floor or surroundings as the grease does not drip even at elevated temperatures.
- Reduces friction and wear.
- Quietens noisy chains.

Applications :

- Transmission, anchor, roller and sling chains. Crane cables, elevator chain and ropes. Chain drives sprockets, mobile/fork lifts. Multiple strand ropes. Warrington ropes, wire ropes for ropeways, overhead cranes in shop floor, pinions and gears of cranes, mobile cranes in ware houses, sea ports, airports and various other material handling systems.

Characteristics	Test Method	Unit	Specifications
Appearance	Visual	–	Smooth
Colour	Visual	–	Black
Base Oil	–	–	Mineral
NLGI Grade	–	–	# 1
Worked Penetration	ASTM D-217	O.1 mm	310 - 340
Dropping Point	ASTM D-2265	°C	+180
Water Washout @ 80°C, wt. loss	ASTM D-1264	%	<5
Copper Strip Corrosion	ASTM D- 4048	–	1a
Operating Temperature Range	–	°C	-10/+140

MSDS available on request.

Due to continual up gradation of products above data is subject to change without notice
This supersedes our previously issued data sheets.

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Information and data given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of a product for a particular use is beyond our control; all risks of use of the product are therefore assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE.

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