

Guardex WRG 1000

High Performance Non-Melt Wire Rope Lubricant



Wire rope lubricants designed to reduce friction and corrosion, maintaining the health and safety of wire ropes.

APPLICATIONS

- GUARDEX WRG is an adhesive heavy-duty grease designed for use on slide rails, metal cables, wire ropes, winches, small open gears and chains working under severe circumstances.
- GUARDEX WRG is used in marine applications, cement works, mines and quarries, ports (e.g. travelling cranes) off shore, and other “heavy” industry applications.
- GUARDEX WRG is adapted for the static protection of spare parts.
- GUARDEX WRG can be used in slow moving high load open and closed gearbox where semi-fluid lubricant is needed.
- GUARDEX WRG can be applied by hand with a brush or other adapted tool. For an optimal lubrication and performances, keep the applying tools as clean as possible.

ADVANTAGES

- Reduces friction between strands especially when the rope bends as it passes over sheaves or drums
 - 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.
 - Resists water-washout to protect against rust and corrosion.
 - Has good shear stability to withstand adverse handling actions.
 - Fortified with graphite and other chosen additives to reduce internal friction & wear.
 - Quietens noisy chains.
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- ✓ GUARDEX WRG is a penetrating lubricant, that carries the lubricant into the core of the wire.
 - ✓ GUARDEX WRG is a coating lubricant, that penetrates slightly sealing the outside of the cable.

| Test Parameter | Test Method | Value |
|-----------------------------------|--------------|--------------------|
| Appearance | Visual | Smooth |
| Color | Visual | Blackish |
| Thickener | | In-Organic |
| NLGI Grade | ASTM D217 | 00 |
| Base Oil Viscosity @ 40°C | ASTM D-445 | 1000 |
| Operating Temperature Range | | -10 to 150 Celsius |
| Penetration at 25°, 0.1 mm | ASTM D-217 | 310 – 340 |
| Dropping Point | ISO 6299 | > 180 Celsius |
| Water Washout @ 80°C, wt. loss, % | ASTM D-1264 | <5 |
| Solid Content | | 5% to 10 % |
| Copper Strip Corrosion | ASTM D- 4048 | 1a |

METHOD OF APPLICATION

