

ALPINE CABLE PROTECT

Protective agent and lubricant for wire cables

Description

MOTOREX ALPINE CABLE PROTECT is a special cable relubricant, which efficiently protects wire cables for cable cars against the effects of weather and wear, thus extending the service life of the cable. A special solvent is used in the factory to dilute the product, therefore making it very easy to apply. After the solvent has evaporated, the agent forms a thin, water-repellent film with very good adhesion.

Advantages

- Prevents corrosion and internal wear of wire cables
- Extends the service life of wire cables
- Neutral vis-à-vis the most common inserts used in cable and driving pulleys for cable cars
- No compatibility problems with the most common basic cable lubricants
- Economical application, only once or twice a year

Field of application

ALPINE CABLE PROTECT is used for wire cables on cable cars, ski lifts or cable lifts to transport materials.

Application

ALPINE CABLE PROTECT may only be applied to dry and cleaned wire cables. A sprayer should be used for application and the temperature should be $>+10^{\circ}\text{C}$. The quantity of oil required depends on the cable manufacturer and the calculation formula. Wait for the solvent to dissipate before starting up the system again.

Note

- For stranded ropes:
<30 g per m^2 cable surface
- For fully enclosed carrying cables:
<15 g per m^2 cable surface
- Storage: Firmly closed, in dry and cool environment
- If possible, the product should be used up within a short time
- Only dilute using ALPINE CABLE SOLVENT, if required.

Calculation formula:

$G = (d \times \pi \times l \times m) / 1,000,000 + V$ = approx. Volume in kg
 d = Cable diameter in mm l = Cable length in m
 m = Volume needed in g pro m^2 V = Loss in %

Specifications

Tested according to norm:
 EN Standard 12385-8 Appendix A
 DSB 80

Technical data

| Properties | Unit | Test according to | Values |
|---------------------|------------------------|-------------------|--------|
| Colour | | DIN ISO 2049 | blue |
| Density at 20 °C | g/ml | ASTM D 4052 | 0.951 |
| Viscosity at 40 °C | mm^2/s | ASTM D 445 | 38 |
| Viscosity at 100 °C | mm^2/s | ASTM D 445 | 5.87 |
| Flashpoint | °C | ISO 2592 | 72 |
| Biodegradable | % | OECD 301 B | > 80 |

Water hazard class: WGK 1

Disposal code: VeVA/EWC 13 08 99

The above information is subject to change without prior notice, although they are in accordance with current standards. Performance characteristics indicated are based on usual tolerances which occur during measuring and production using the latest technology. A safety data sheet is available.