

FUNCOL BIO MS 99

SYNTHETIC COMPOUND FOR OPERATING ROPES

RANGE OF APPLICATION

FUNCOL BIO MS 99 is a synthetic, brown colour lubricant, designed for the lubrication of all the ropes of ski lifts, elevator and overhead cranes in the industry addressed to severe applications when the biodegradability is a fundamental and primary feature. The main use of **FUNCOL BIO MS 99** is as a universal maintenance lubricant, by applying it to all types of ropes. To facilitate application and improve penetration, the formulation of **FUNCOL BIO MS 99** contains a package of anti-rust, anti-oxide and anti-wear additives mixed with an odourless solvent, with low environmental impact. After evaporation of the solvent, **FUNCOL BIO MS 99** leaves a thin, slightly sticky film on the surface of the rope, which remains perfectly anchored to the surface, previously cleaned. The application of **FUNCOL BIO MS 99** takes place with the use of spray equipment with which it is possible to form a uniform and thin film. Keep in mind after application, the system must remain stationary for a few hours. The amount of use of **FUNCOL BIO MS 99** is around 40gr / square meters

FEATURES AND BENEFIT

FUNCOL BIO MS 99 is a special synthetic lubricant, mineral oil free, brown color, biodegradable, low environmental impact, suitable for the lubrication and maintenance of wire ropes, in operation. Based on many years of experience certified by the existing relationships with the manufacturers of wire ropes and considering the new specifications "wire lubricants" developed at the disposal of the Swiss Federal Transport Office LUBRA Research & Development has developed **FUNCOL BIO MS 99**. The use of **FUNCOL BIO MS 99** guarantees an excellent anti-corrosive protection, a reduction of wear and a perfect lubrication, demonstrating, at the same time, a total compatibility with the tires of the rollers and the wheels of reversal of the ski lifts. To obtain, an optimal anti-corrosive protection, it is necessary to clean well the ropes before to dispense **FUNCOL BIO MS 99** and that the operation of dispensing is carried out with beautiful and dry weather. **FUNCOL BIO MS 99** complies with the DSB 80 specification.

FLUIDI PER
TEMPRA

POLIMERI
ATTENUATORI PER
TEMPRA

COMPOSTI PER
RINVENIMENTO

PROTETTIVI ANTI
CORROSIONE

IMPREGNANTI PER
METALLODURO

LUBRIFICANTI
PROTETTIVI PER
FUNI

TYPICAL PHYSICAL AND CHEMICAL DATA (average values)

Appearance	visual	-	liquid
Color	visual	-	brown
Specific gravity @ 25°C	ASTM D 1298	kg/dm ³	0,830
Viscosity @ 40°C	ASTM D 445	cSt	22
Flash point PM	ASTM D 93	°C	≥ 62
Water solubility	-	-	insoluble
Copper corrosion test	IP 130	-	1 a

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