



WINCHES GREASE

ANTICORROSION – TOTAL RESISTANCE TO WATER

WINCH GREASE is also suitable for all open mechanisms, including submerged devices. It is highly adhesive, resists washing off by water, protects against wear, and reduces running noise. It does not harden, even in the presence of high temperatures (180°C). It is highly stable in a marine environment. Flammable. It is used for the lubrication of winches or any mechanical parts in movement under extreme pressure (lift pulleys, for example).

PHYSICAL CHARACTERISTICS

Appearance :	Sleek (visual)
Colour:	Green (inner CQ 016)
Sulfated ash:	0.5 % in weight (NFT 60 144)
NLGI Grade:	2
Corrosion Cu, 24 h at 100°C:	1 a cotation (ASTM D4048)
Apparent density at 25°C:	891 kg/m ³ (NF T 30 020)
Physical state:	Grease (visual)
Rotation factor:	600 000 (DN)
Elastomer bulge, 168 h at 70°C:	3 % (FTM 791)
Nature of soap:	Organic
Basic oil, kinetic viscosity:	160 mm ² /s-1 With 40°C (NF T 60 100) 145 mm ² /s-1 with 100°C (NF T 60 100)
Impurity > at 25 microns:	0 nb/ml (FTMS 791/3005)
Impurity > at 75 microns:	0 nb/ml (FTMS 791/3005)
Impurity > at 125 microns:	0 nb/ml (FTMS 791/3005)
Acid value of basic oil:	0.1 Mg KOH/g
Nature of basic oil:	Synthetic
Odour:	Slight
Hoffman oxidation, 100 h at 100°C:	2 psi (ASTM D 942)
Drip point:	195 (NF T 60 102)
Evaporation 22 h at 121°C:	0.2 % in weight (ASTM D 942)
Temperature in continu:	-30 / +180°C
Temperature in peak:	-30 / +180°C
Flash point:	> 300°C
Point freezing of basic oil:	-38°C
Penetrability no working:	265 – 295 at 1/10° mm (NF T 60 132 – ISO 2137)
Penetrability, 60 blows:	265 – 295 at 1/10° mm (NF T 60 132 – ISO 2137)
Penetrability, 1000 blows:	265 – 295 at 1/10° mm (NF T 60 132 – ISO 2137)
Penetrability, 10000 blows:	275 – 305 at 1/10° mm (NF T 60 132 – ISO 2137)
Penetrability, 100000 blows:	285 – 315 at 1/10° mm (NF T 60 132 – ISO 2137)
Penetrability, 100000 blows	
At 20 % water, during 16 h:	285 – 315 at 1/10° mm (NF T 60 132 – ISO 2137)
Resistance to the washing out by water with 80°C:	0.3 % in weight (ASTM D 2164)
Oil separation after 7 days with 40°C:	0 % in weight (IP 221)
Oil separation after 12 midnight, with 41 kPa:	0 % in weight (ASTM D 1742)
Test SHELL 4 balls, wear:	0.60 mm (ASTM D 2266)
Test SHELL 4 balls, weld:	3150 N (ASTM D 2266)
Test TIMKEN:	45 lbs (ASTM D 2509)
Emcor Test:	0 – 1 cotation (NF T 60 135)

APPLICATION

Dismantle the winch. Remove all traces of residual grease and clean the parts. Apply the **SPECIAL WINCH GREASE** without excess over all of the surfaces to be lubricated.

PACKING AND STORAGE

Packaging :	Tube of 100 g
Storage:	Total stability in original pack. Meet the deadline of use. Always away from heat, weathering, moisture and frost

PRECAUTIONS FOR USE

Use only in a well ventilated area. Avoid all contact with chemical products. Wear gloves and goggles in case of accidental projection. Do not expose to a source of heat or an incandescent body.

HEALTH AND SAFETY

See data sheet

*This information corresponds to the actual state of our knowledge and has the sole object of informing you about our products and possible applications. It is objectively given but does not imply any guarantee by us.
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