



MULTI WR

Modern high-performance grease for high tension wire ropes

Product Overview

MULTI WR is a lithium calcium sarcocyclic complex thickened lubricating grease based on mineral oil. The grease contains antioxidants and corrosion inhibitors. The product does not contain conventional EP and AW additives since they are built in as an integral part of the soap structure.

Benefits

- Good mechanical stability
- Very good loading carrying capacity
- Excellent resistance to shock loads
- Excellent water resistance

Applications

- High tension wire ropes
- Suitable for very highly loaded applications in heavy industry in general, especially where wet and dirty environment are present

Health and Safety

This lubricant is unlikely to produce any significant health or safety hazard when used in the application it has been designed for and according to the recommendations provided in the Material Safety Data Sheet. MSDS are available upon request through your sales advisor.

When disposing of used oil, please observe all current regulations and protect the environment.

MULTI WR		
Typical properties		
Test parameters	Method	
NLGI Grade	ASTM D 217	1.5
Classification	ISO 12924	L-XB(F)CIB1.5
Classification	DIN 51502	KP1.5K-20
Soap Thickener		Lithium calcium sarcocyclic complex
Base Fluid		Mineral
Colour	Visual	Beige
Texture		Smooth
Temperature range		-20°C to +120°C (max +130°C)
Dropping point	IP 396	>260°C
Base oil viscosity at 40 °C	ASTM D 7152	630 mm ² /s
Base oil viscosity at 100 °C	ASTM D 7152	37 mm ² /s
Penetration 60 strokes	ISO 2137	290 – 320
4-ball weld load	DIN 51350:4	7500 N
Water resistance at 90°C	DIN 51807:1	1
Water wash out at 79°C	ISO 11009	2%
Emcor salt water	ISO 11007	0 - 0
Flow pressure at -20°C	DIN51805 mod	>1400 mbar
Density	IP 530	950 kg/m ³
SKF R2F B at 120°C	SKF	Pass

Above characteristics are mean values given as information. They do not constitute a specification.