

**ISO 12924: L-XB(F)DIB1.5**  
**DIN 51502: KP1.5N-20**



CORROSION  
PROTECTION



EXTREME  
PRESSURE



HEAVY  
LOADS



HIGH  
TEMPERATURE



WATER  
RESISTANT

## PRODUCT DESCRIPTION

CASULEX 1.5 is a calcium sulfonate 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.

The functional soap gives the product excellent load carrying capacity, making it suitable for heavily loaded applications. The grease also has superb mechanical stability, good corrosion protection, and water resistance.

CASULEX 1.5 is a modern high performance product suitable for both industrial, marine, and "off road" applications. The extreme load carrying capacity and the excellent water resistance make the product a perfect choice for heavily loaded applications in hot or wet and corrosive environments.

Excellent load carrying capacity  
Excellent resistance to shock loads  
Very good water resistance

## TYPICAL TECHNICAL DATA

Thickener		Calcium sulfonate complex
Base fluid		Mineral oil
Texture		Smooth
Colour	Visual	Brown
NLGI Grade	ASTM D 217	1,5
Dropping point	IP 396	> 280°C
Base oil viscosity at 40°C	ASTM D 7152	390 mm <sup>2</sup> /s
Base oil viscosity at 100°C	ASTM D 7152	24 mm <sup>2</sup> /s
Penetration 60 strokes	ISO 2137	290 - 320
4-ball weld load	DIN 51350:4	6500 N
Water resistance at 90°C	DIN 51807:1	1
Water wash out at 79°C	ISO 11009	< 10 %
Emcor salt water	ISO 11007	≤ 1 - 1
Flow Pressure at -20°C	DIN 51805 mod	< 1400 mbar
SKF R2F B at 140°C	SKF	Pass
Density	IP 530	990 kg/m <sup>3</sup>
Temperature range		-20°C to +180 °C (max +200 °C)

The information above is based on current production data and can vary within given tolerances. Temperature range is given as a guideline only. Information and data can be changed without previous notification. This information replaces prior editions.