

CALSULLENCE 1615 WR

(TEMPORARY PRODUCT DATA SHEET)



EXTREME
PRESSURE



HIGH
TEMPERATURE



CORROSION
PROTECTION



WATER
RESISTANCE



HEAVY
LOAD

CLASSIFICATION

DIN 51502
ISO 6743

KP1,5N-20
ISO-L-XBDFB1,5

PRODUCT DESCRIPTION

CALSULLENCE 1615 WR is a calcium sulphonate 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 has also superb mechanical stability, good corrosion protection and excellent water resistance which are important in wet and corrosive environments.

- Excellent load carrying capacity
- Excellent mechanical stability
- Very good corrosion protection
- Water resistant

CALSULLENCE 1615 WR is a modern high performance product especially suitable for industrial applications. The extreme load carrying capacity and the excellent water resistance make the product a perfect choice for heavily loaded applications or wet and corrosive environments.

TYPICAL TECHNICAL DATA

Thickener		Calcium sulphonate complex
Base oil		Mineral oil
Colour	Visual	Brown
NLGI Grade	ASTM D217	1,5
Dropping point	IP 396	>260°C
Base oil viscosity at 40°C	ISO 12058	460 mm ² /s
Base oil viscosity at 100°C	ISO 12058	30 mm ² /s
4-ball weld load	DIN 51350:4	>6500 N
Temperature range		-20°C to +150°C

TYPICAL TECHNICAL DATA

Mechanical stability

Penetration 60 strokes	ISO 2137	285-315
Shell roll stability 50h/80°C	ASTM D1831mod	+50

Corrosion protection

SKF Emscor salt water	ISO 11007	1-1
Copper corrosion 24h/100°C	ASTM D4048	1b

Water stability

Water washout 1h/80°C	ISO 11009	5%
Water Spray off	ASTM D4049	<25%

Oil Separation

Separation 168h/40°C	IP 121	5%
----------------------	--------	----

Anti-wear properties

4-ball wear scar (1h at 400N)	DIN 51350:5	0,4 mm
-------------------------------	-------------	--------

Others

Oxidation stability 100 h/100°C	ASTM D942	70 kPa
Timken OK Load	IP 326	60 lbs