



RW

Oil

motor

Lubricants Antifreeze
Industrial Marine

RW GREASE LC 220 EP 2

DESCRIPTION

RW Grease LC 220 EP 2 is a lithium complex thickened lubricating grease based on mineral oil. The grease contains antioxidants, corrosion inhibitors and EP/AW additives.

APPLICATIONS

The lithium complex soap makes the product suitable for applications within a very wide temperature range and especially applications at elevated temperatures. The complex soap structure also gives the product a high degree of mechanical stability, which enhances the performance in vibrating housings and prolongs re-lubrication intervals.

RW Grease LC 220 EP 2 is a modern high performance product setting a new standard for a truly universal grease, suitable for both industrial and automotive applications. The product's all-round properties make it the primary choice for various types of bearing applications, including heavy load conditions and temperature peaks up to 180°C.

PERFORMANCE PERFORMANCE FEATURES AND BENEFITS

- Very good corrosion protection
- Good resistance to shock loads
- Good thermal resistance

SPECIFICATIONS

DIN 51502 KP2N-30; ISO 6743 ISO-L-XC(F)DIB2

ADVICE

Advice on applications not covered in this leaflet may be obtained from your RW™ Representative.

STORAGE

The product shall be stored in a closed container in a dry and clean place, away from flammable materials, heat sources, and direct sun light. The recommended storage temperature is 5–35°C, unless indicated otherwise.

Do not freeze the product. Observe the first in first out warehousing principle. Recommended shelf life is 4 years.

HEALTH AND SAFETY

The product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained. Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

For further guidance on Product Health & Safety refer to the appropriate RW™ Product Safety Data Sheet.

Residues shall be utilized according to Directives EC 91/156, 91/689, and 94/62.

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

TYPICAL PHYSICAL CHARACTERISTICS

PROPERTY	METHOD	RW Grease LC 220 EP 2
NLGI Grade	ASTM D217	2
Thickener		Lithium complex
Base Oil		Mineral oil
Colour	Visual	Red
DIN	DIN 51502	KP2N-30
ISO	ISO 6743	ISO-L-XC(F)DIB2
Temperature range, °C	-	-30 ÷ +140
Temperature range: max, °C	-	+180
Dropping point, °C	IP 396	>260
Base Oil Viscosity@ 40°C, mm ² /s	ISO 12058	210
Base Oil Viscosity@ 100°C, mm ² /s	ISO 12058	16
4-ball weld load, N	DIN 51350:4	2800
Penetration 60 strokes	ISO 2137	265 - 295
Water resistance at 90°C	DIN 51807:1	1
Water wash out at 38°C, %	ISO 11009	< 10
Emcor salt water	ISO 11007	≤ 2 - 2
Flow Pressure at -30°C, mbar	DIN 51805	< 1400
SKF R2F B at 120°C	SKF	Pass
Density, kg/m ³	IP 530	900

These characteristics are typical of current production. Whilst future production will conform to RW™'s specification, variations in these characteristics may occur.