

rhenus LAH 2

Lithium EP grease with MoS₂ – NLGI-Grade 2

Description **rhenus LAH 2** is lithium saponified high performance EP lubricating grease, based on mineral oils with MoS₂ additives.

Application **rhenus LAH 2** suits for the lubricating of heavy loaded roller and friction bearings.
rhenus LAH 2 achieves due to the use of MoS₂ low friction and reduces the wear under temperature and pressure loads.
rhenus LAH 2 suits as a running in lubrication and polishing aid for new, heavy loaded bearings.

- Properties:**
- oxidation stability
 - extreme worked stability
 - water resistance
 - good protection against corrosion
 - formation of solid lubricating films
 - high load capacity
 - adhesiveness

Technical Data

Thickener		Lithium soap
Operating temperature for long-term lubrication		-30 to +130 °C
Short time admissible temperature peak value		140 °C
Drop point	ASTM D 2265	190 °C
Worked penetration	ASTM D 217	265 to 295 1/10 mm
Penetration loss after 100.000 double strokes		<30 1/10 mm
Base oil		Mineral
Base oil viscosity at 40 °C	ASTM D 445	195 mm ² /s
Water resistance	DIN 51 807-01	1 - 90
Emcor-test	IP 220/85	Corrosion degree 0
Copper strip test at 120°C	ASTM D 4048	Corrosion degree 1
FAG - FE 9 test	DIN 51821-02 -A/1500/6000-130	F ₅₀ = > 100h
SKF – R2F – test at 120° C		pass
Timken Test, well load	ASTM D 2509	50 lbs
Designation	DIN 51 502	KPF 2 K-30

Subject to modification of the technical data. Please refer to the material safety data sheet for additional information or contact our application engineers.

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