



Multifak® RSP 3

Efficient performance lithium grease

Product Data Sheet

Product description

Multifak RSP 3 is an efficient performance lithium grease formulated for use in applications such as larger rolling element bearings, including railroad freight car journals and electric motor bearings requiring an NLGI 3 non-EP grease.

Multifak RSP 3 is formulated with highly refined ISO 100 mineral base oils, combined with effective oxidation and corrosion inhibitor additives.

Customer benefits

- Oxidation resistance and mechanical stability prevents grease degradation during long service life
- Rust and corrosion resistance optimises ferrous component protection in wet conditions
- Wide range temperature capability and water wash-out resistance ensures protection in all weather conditions
- Durable formulation increases equipment protection and reduces maintenance downtime

Applications

- Medium and slow speed industrial ball and roller bearings
- Electric motor bearings
- Railroad freight car journal roller bearings
- Pre-packed industrial bearings
- Centralised lubrication systems
- General industrial applications where sliding speeds are moderate and EP characteristics are not required

Product highlights:

- Designed for larger rolling element bearings
- Oxidation and mechanical stability give longer service life
- All-weather protection

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Global Lubricants



Approvals and performance specifications

Performance specifications

	DIN 51 502	ISO 6743-09	OPERATING TEMPERATURE
Multifak RSP 3	K 3K-30	ISO-L-XCCEA 3	-30°C up to 140°C

Typical test data

MULTIFAK RSP 3 TEST	TEST METHODS	RESULTS
NLGI Grade	DIN 51 818	3
Product Code		540840
Soap type	DIN 51 814	Lithium-12-hydroxistearate
Soap content, %	-	11
Colour	Visual	Amber
Texture	Visual	Smooth
Dropping Point, °C	ISO 2176	Min. 195
Oil type	-	Mineral
Base oil viscosity at 40 °C, mm ² /s	DIN 51 562	100
Base oil viscosity at 100 °C, mm ² /s	DIN 51 562	11.1
Penetration worked, 0.1 mm	ISO 2137	235
Copper Corrosion 24h/100 °C	DIN 51 811	1

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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