



Multifak® RSP 3

Efficient performance multipurpose lithium grease

Product Data Sheet

Product description

Multifak RSP 3 is an efficient performance multipurpose lithium grease suitable for use in a range of year round applications in most conditions and within a given temperature window.

Multifak RSP 3 is formulated with highly refined mineral base oils in combination with reliable oxidation and corrosion inhibitors and anti-wear additives.

Customer benefits

- Oxidation resistance and mechanical stability offer protection against grease degradation and hardening, extending service life
- Rust and corrosion inhibitors contribute to ferrous metal protection in wet operations, reducing maintenance and downtime
- Wide temperature capabilities and water wash-out protection offer year-round equipment protection in most weather conditions

Applications

- Medium and slow speed industrial plain and rolling bearings
- Electric motor bearings
- Railroad freight car journal roller bearings
- Pre-packed industrial bearings
- Centralised lubrication systems
- Wide range of industrial and automotive grease applications where sliding speeds are moderate and heavy EP characteristics are not required

Product highlights:

- Extended grease service life
- Rust and corrosion protection in wet operations
- Wide temperature capabilities
- Selected specification standards include:
 - DIN 51 502
 - ISO 6743-09

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Approvals and performance

Performance

	DIN 51 502	ISO 6743-09	OPERATING TEMPERATURE
Multifak RSP 3	K 3K-30	ISO-L-XCCFA3	-30°C up to 120°C, max 130°C

Typical test data

MULTIFAK RSP 3 TEST	TEST METHODS	RESULTS
NLGI Grade	DIN 51 818	3
Product Code		540840.7
Soap type	DIN 51 814	Lithium
Texture	Visual	Smooth
Dropping Point, °C	ISO 2176	Min 195 (196.3°C)
Oil type		Mineral
Base oil viscosity at 40°C, mm ² /s	DIN 51 562	120
Penetration worked, 0.1 mm	ISO 2137	229
Copper Corrosion 24h/100°C	DIN 51 811	1
Emcor corrosion distilled water	ISO 11007	0/0
Water resistance static	DIN 51 807/1	1/40 - 1/90
Four Ball OK load, N	DIN 51 350/4	2000
Four ball Wear, scar diameter, mm	DIN 51 350/5	0.39

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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