



Multifak[®] 142

Efficient performance multipurpose lithium grease

Product description

Multifak 142 is an efficient performance lithium grease, formulated with ISO 110 mineral base oils, combined with oxidation and corrosion inhibitors, and anti-wear additives.

Multifak 142 is a multipurpose grease suitable for a wide spectrum of applications within a given temperature range.

Customer benefits

- Oxidation resistance and mechanical stability help prevent in-service grease degradation and hardening
- Rust and corrosion inhibitors contribute to ferrous component protection under wet operating conditions
- Wide temperature suitability and water washout resistance assist in maintaining all-weather lubrication performance

Product highlights

- **Assists in-service degradation resistance**
- **Rust and corrosion inhibitors help reduce maintenance**
- **Wide temperature performance**

Selected specification standards include:

NEDRI SPANSTAAL BV Venlo Holland

Applications

- Medium and slow speed industrial plain and rolling bearings
- Electric motor bearings
- Lubrication of high speed ball- and roller bearings
- Centralized lubrication systems
- General industrial and automotive grease applications where sliding speeds are moderate and heavy EP characteristics are not required
- Lubrication of contractor- and agricultural machines
- Anti-corrosion grease

Approvals, performance and recommendations

Approvals

- Multifak 142 is approved by NEDRI SPANSTAAL BV Venlo Holland.

Performance

DIN 51 502	ISO 6743-09	Operating temperature
K 2K-30	ISO-L-XCCEA2	-30 up to 120 °C, max 150 °C

Typical test data

Test	Test methods	Results
NLGI Grade	DIN 51 818	2
Product Code		36399
Soap type	-	Lithium 12-hydroxystearate
Penetration worked, 60x, mm/10	ISO 2137	265-295
Dropping point, °C	ISO 2176	180
Base oil viscosity at 40°C, mm ² /s	DIN 51 562	110
Base oil type	-	Mineral
Water resistance static, 90°C	DIN 51 807	0/90
Four Ball Weld point, N	DIN 51 350/4	2000
Four Ball Wear, Scar diameter, 1 min/1000N, mm	DIN 51 350/5	0.5
Emcor corrosion test, distilled water	DIN 51 802	0/0
Copper corrosion 24h/120°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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