

# Multifak<sup>®</sup> 142

Efficient performance multipurpose lithium grease



## Product description

Multifak<sup>®</sup> 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<sup>®</sup> 142 is a multipurpose grease suitable for a wide spectrum of applications within a given temperature range.

## Customer benefits and product features

### 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

## 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.

## Product approvals, performance, and recommendations

### Performance standards

#### Approvals

- Multifak<sup>®</sup> 142 is approved by NEDRI SPANSTAAL BV Venlo Holland

Consult OEM representatives for independent verification, updates and recommendations.

#### Performance

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

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## Typical test data

MULTIFAK <sup>®</sup> 142 KEY PROPERTIES	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 <sup>2</sup> /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

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ENVIRONMENT, HEALTH and SAFETY. Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit the [Product Information Center](#).

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center.

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