



Starplex® 2

High performance multipurpose industrial and automotive EP lithium grease

Product Data Sheet

Product description

Starplex 2 is a high performance multipurpose EP industrial and automotive grease designed for a wide range of applications, including wheel bearing and chassis lubrication.

Starplex 2 is formulated with high quality ISO 220 mineral base oils, a tough lithium complex thickener and rust and corrosion inhibitors, combined with EP and tackiness additives to provide robust protection.

Customer benefits

- High performance extreme pressure additives protect against wear in severe service and shock load conditions
- Robust rust and corrosion inhibitors protect all metal surfaces in very wet operating environments
- Stays in place - will not drop or leak from bearings at very high operating temperatures
- Durable oxidation resistance ensures long-term protection over extended grease service life
- Tough lithium thickener and tackiness additives ensure water wash-out protection
- Wide, multipurpose application reduces inventories, saving time and money

Applications

- Automotive wheel bearings
- Chassis lubrication
- On- and off-highway applications
- Construction equipment
- Agricultural tractors
- Heavy-duty transport
- General industrial greasing

Product highlights:

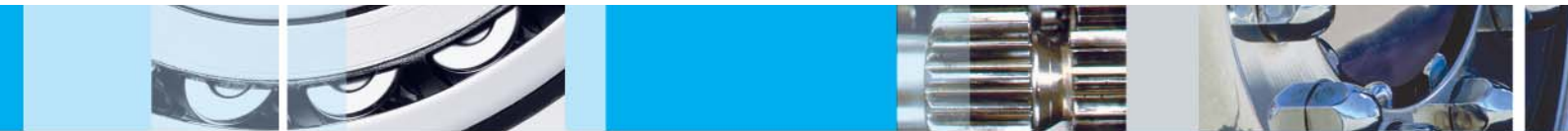
- High performance EP protection under severe conditions and temperatures
- Tough rust and corrosion protection
- Highly resistant to water wash-out
- Multipurpose automotive and industrial applications
- Selected specification standards include:
 - NLGI Service Category GC-LB
 - Mack
 - Mercedes Benz

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Global Lubricants





Service considerations

- Although Starplex has a very high dropping point, which enables it to provide effective lubrication at temperatures well beyond those possible for conventional lithium soap greases, extended service at such elevated temperatures requires frequent re-lubrication to prevent oxidative degradation of the mineral base oil.
- Not recommended for constant-velocity joints on front wheel drive vehicles.

Approvals and performance specifications

Performance specifications

	DIN 51 502	ISO 6743-09	OPERATING TEMPERATURE
Starplex 2	KP 2N-30	ISO-L-XCDHB 2	-20°C up to 130°C with short term exposure up to 220°C

Approvals

- NLGI Service Category GC-LB
- Mack GC-G
- Mercedes Benz sheet 265.1: High temperature roller bearing grease



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continued

Typical test data

STARPLEX 2 TEST	TEST METHODS	RESULTS
NLGI Grade		2
Produce Code		510805
Appearance	Visual	Red
Texture	-	Smooth, stringy
Thickener type	-	Lithium complex
Thickener content, %	-	11
Dropping Point, °C	ISO 2176	>250
Oil type	-	Mineral
Base oil viscosity at 40 °C, mm ² /s	DIN 51 562	220
Base oil viscosity at 100 °C, mm ² /s	DIN 51 562	21.0
Penetration worked, 0.1 mm	ISO 2137	280
Four Ball welding point, kgf	ASTM D2596	315

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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