

OPERATING FLUIDS**Operating Fluids - Front Axle - All Models****1.0 GENERAL INFORMATION ON HIGH TEMPERATURE MULTI-PURPOSE GREASE**

High temperature multi-purpose grease consists of a lithium complex soap in a mineral oil product with a selected combination of additives. Extremely fine soap is contained in the oil, and serves as the basic ingredient.

This lubricating grease possesses the following properties:

- Very good thermal resistance and penetration stability

The structure and consistency must be maintained over long service life with temperatures from -22°F to +302°F (-30°C to +150°C) in continuous operation and very high loads.

- Oxidation stability

A lubricating grease contains effective inhibitors (which limit or prevent chemical reactions) in order to stop oxidation at very high operating temperatures.

- Water resistance and corrosion inhibition

A high temperature multi-purpose grease is water resistant. At the same time lubricated parts are given maximum protection against rust by the corrosion inhibitors.

2.0 APPROVED HIGH TEMPERATURE MULTI-PURPOSE GREASE

High temperature multi-purpose grease is used for the lubrication of wheel bearings.

BALL BEARINGS (E24 FROM MID 1982, E28, E30, E31, E32 AND ALL FOLLOWING)

Provided with lifetime lubrication.

No subsequent lubrication approved!

TAPERED ROLLER BEARINGS (E23, E21)

50 grams grease packing in wheel hub and 20 grams in wheel hub grease cap per wheel.

Grease type: Retinax A

CRC Part No. SL 3131 (former BMW Part No. 81 22 9 407 710)

3.0 APPROVED FRONT AXLE FINAL DRIVE OILS

2001 BMW X5
OPERATING FLUIDS Operating Fluids - Front Axle - All Models

Approvals are the same as for rear axle final drive oils. Refer to **REAR AXLE** .