



PRODUCT DATA SHEET

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TEXAS GREASE LCEP2

Lithium-based EP NLGI Grade 2 Grease

DESCRIPTION

TEXAS TEXTGREASE LCEP 2 (Lithium Complex EP2 Grease) is premium lithium complex, extreme pressure, high-temperature grease.

TEXAS TEXTGREASE LCEP 2 grease is suitable for high temperature, high load, shock load and vibration applications in variety of automotive, industrial, construction, mining and marine applications. It is recommended for a wide range of bearings operating temperature up to 245°C. The product complies with Timken specification.

BENEFITS

- Maximum operating temperature of 245°C.
- May be used over a wide range of temperature
- High load-carrying ability
- Superior extreme pressure properties
- High dropping point
- Good resistance to mechanical shear
- Excellent water resistance
- Outstanding corrosion protection
- Good low temperature pump-ability

TYPICAL APPLICATIONS

- Maximum operating temperature of 245°C.
- Suitable for wide range of bearing speed.
- Extra protection against rust and corrosion.
- Reduced wear under heavy or shock load and vibrations.
- Excellent resistance to water washout and contamination.
- Extended life in wet environments.

TYPICAL PROPERTIES

Appearance	Smooth Grease
Colour	Green
NLGI Classification	2
Thickener	Lithium Complex
Base Oil	Solvent Refined Mineral Oil
Base oil viscosity @ 40°C (IP71) cSt	150 min
Worked penetration (IP50)	265 - 295
Dropping point (IP132) °C	250 min
Oil separation (IP121) %	5 max
Copper corrosion (IP112)	Pass
Resistance to corrosion EMCOR (IP220)	0:0
Water washout (ASTM D1264) @ 38°C %	3
@ 79°C %	4
Four Ball Weld Load (IP239) kgs	450
Wear Load Index	62
Timken OK load (IP326) KGS (LBS)	20 (45)
Operating temperature range:	-20°C to +160°C cont. (180°C PEAK)

Typical properties do not constitute as specifications. Texas Petrochemical reserves the right to amend and change the information herein without notification as a result of continual product research and development.