



TEXACO PREMIUM RB

CUSTOMER BENEFITS

Texaco Premium RB delivers value through:

- **Wide application range** — Suitable for high rpm operation, operating temperatures ranging from -34°C to 177°C (-30°F to 350°F) and offers excellent rust protection in the presence of both salt and fresh water.
- **Excellent oxidation stability** — Provides exceptional bearing life at operating temperatures in the range of 93°C to 177°C (199°F to 350°F).
- **Excellent rust protection** — Provides superior rust protection as defined by ASTM D 1743.

FEATURES

Texaco Premium RB is a high temperature ball and roller bearing grease.

Texaco Premium RB passes ASTM D 1743-73 rust test with 5% synthetic seawater. It gives longer bearing life under high speed and high temperature operation than most other widely used antifriction bearing greases. ASTM D 3336 tests show that the life of a 204-K bearing lubricated with Texaco Premium RB and operating at 163°C (325°F) and 10,000 rpm is about 1000 hours.

APPLICATIONS

Texaco Premium RB grease is recommended:

- for use in a wide range of automotive and industrial applications
- for use in antifriction bearings operating at high speeds (10,000 rpm and greater)
- where the operating temperatures are on the order of 150°C (302°F) and higher
- where there is a likelihood that water or salt water will get into the bearings

It performs satisfactorily in bearings at temperatures as low as -34°C (-30°F).

Applications where Texaco Premium RB grease will outperform most other greases include:

- As a "life-pack" lubricant by manufacturers of automotive generators, alternators, and starters to protect against the effects of moisture and road-splash
- Bearings on air-conditioning units in homes and other buildings
- Unsealed electric motor bearings operating under moist conditions

Texaco Premium RB is recommended for lubricating bearings for the following original equipment manufacturers:

- Reliance Electric
- Baldor Electric
- U.S. Motors
- General Electric
- Westinghouse
- Siemens

It meets the requirements of GM 7830695 and GM 9985371 specifications.

TYPICAL TEST DATA

CPS Number	22 1939
MSDS Number	9022
Operating Temperature, °C(°F) Minimum ¹ Maximum ²	-34(-30) 177(350)
Penetration, at 25°C(77°F) Worked Worked, 100,000 strokes, % Change	280 5
Dropping Point, °C(°F)	196(385)
Four-Ball Wear Scar Diameter, mm	0.4
Oil Separation, wt %, ASTM D 1742	1.8
Rust Protection, modified 5% SSW, ASTM D 1743	Pass
Water Washout, wt % loss at 79°C(175°F)	2
Wheel Bearing Life, B ₅₀ , h, ASTM D 3527	240
Thickener, % Type	17 Lithium
Viscosity, Kinematic* cSt at 40°C cSt at 100°C	129 12.9
Viscosity, Saybolt* SUS at 100°F SUS at 210°F	677 71
Viscosity Index*	92
Flash Point, °C(°F)*	218(425)
Texture	Smooth
Color	Blue-Green

Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing.

- 1 Minimum operating temperature is the lowest temperature at which a grease, already in place, could be expected to provide lubrication. Most greases cannot be pumped at these minimum temperatures.
 - 2 Maximum operating temperature is the highest temperature at which the grease could be used with frequent (daily) relubrication.
- * Determined on mineral oil extracted by vacuum filtration.