



# TEXACO STARPLEX<sup>®</sup>

## 1, 2

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### CUSTOMER BENEFITS

Texaco Starplex greases deliver value through:

- **Good water resistance** — Strong resistance to wash out of bearings.
- **Good rust and corrosion protection**, even in wet conditions.
- **Extreme pressure protection**
- **Protection against shock loading**, thus extending bearing life.
- **Outstanding film strength** and adhesive properties.
- **Good low temperature pumpability** — Better handling in the container and grease dispensing equipment.

### FEATURES

Texaco Starplex greases are water resistant, extreme pressure, heavy duty chassis, wheel bearing and general purpose lubricating greases.

They are manufactured using highly refined, select high viscosity index base oils, and a lithium complex soap.

Texaco Starplex greases are available in two grades:

- **NLGI 1** for better pumpability at low ambient temperatures
- **NLGI 2** for use in normal ambient temperatures

### FUNCTIONS

Texaco Starplex greases are formulated to:

- Protect bearings and other metal surfaces from corrosion when exposed to wet conditions.
- Resist water. These greases strongly resist being washed out of bearings.
- Retain their consistency under adverse service conditions.
- Provide outstanding film strength and adhesive properties. As a result, Texaco Starplex greases are particularly effective in providing low wear in shock load service.
- Operate effectively over a wide temperature range.

### APPLICATIONS

Texaco Starplex greases are recommended for:

- general use in the lubrication of trucks, tractors, and passenger cars. This includes ball joints, universal joints, and all other chassis points, wheel bearings, water pumps, and fifth wheels.
- boat trailer wheel bearings
- high temperature disc brake bearing applications

Texaco Starplex greases are approved for the NLGI Certification Mark GC-LB.

TYPICAL TEST DATA

NLGI Grade	1	2
CPS Number	221927	221935
MSDS Number	8807	8807
Operating Temperature, °C(°F)		
Minimum <sup>1</sup>	-40(-40)	-40(-40)
Maximum <sup>2</sup>	177(350)	177(350)
Penetration, at 25°C(77°F)		
Unworked	310	267
Worked	325	280
Dropping Point, °C(°F)	270(518)	270(518)
Four-Ball		
Weld Point, kg	315	315
Wear Scar Diameter, mm	0.4	0.4
Timken OK Load, lb	40	40
Thickener, %	9	12
Type	Lithium Complex	Lithium Complex
Viscosity, Kinematic*		
cSt at 40°C	188	188
cSt at 100°C	19.4	19.4
Viscosity, Saybolt*		
SUS at 100°F	987	987
SUS at 210°F	92	92
Viscosity Index*	104	104
Flash Point, °C(°F)*	198(388)	198(388)
Pour Point, °C(°F)*	-12(+10)	-12(+10)
Texture	Smooth, Stringy	Smooth, Strigy
Color	Red	Red

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.