



CHEVRON STARPLEX[®]

1, 2

CUSTOMER BENEFITS

Chevron 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

Chevron 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.

Chevron Starplex greases are available in two grades:

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

FUNCTIONS

Chevron 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, Chevron Starplex greases are particularly effective in providing low wear in shock load service.
- Operate effectively over a wide temperature range.

APPLICATIONS

Chevron 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.

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



TYPICAL TEST DATA

NLGI Grade	1	2
Product Number	277110	277111
MSDS Number	23637	23637
Operating Temperature, °C(°F) Minimum ¹ Maximum ²	-40(-40) 177(350)	-40(-40) 177(350)
Penetration, at 25°C(77°F) Unworked Worked	310 325	267 280
Dropping Point, °C(°F)	270(518)	270(518)
Four-Ball Weld Point, kg Wear Scar Diameter, mm	315 0.4	315 0.4
Timken OK Load, lb	50	50
Thickener, % Type	9 Lithium Complex	12 Lithium Complex
Viscosity, Kinematic* cSt at 40°C cSt at 100°C	188 19.4	188 19.4
Viscosity, Saybolt* SUS at 100°F SUS at 210°F	987 92	987 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, Stringy
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.