



ULTI-PLEX[®] GREASE EP

NLGI 1, 2

PRODUCT DESCRIPTION

Ulti-Plex[®] Greases EP are high performance greases specially formulated for extreme pressure bearing applications operating under high and low temperature conditions.

CUSTOMER BENEFITS

Ulti-Plex Greases EP deliver value through:

- **High temperature stability** up to 177°C (350°F).
- **Excellent corrosion and wear protection**
- **Excellent water resistance**
- **Excellent shock load protection**

FEATURES

Ulti-Plex Greases EP are high performance greases specially formulated for extreme pressure bearing applications operating under high and low temperature conditions.

Ulti-Plex Greases EP are manufactured using selected highly refined, high viscosity base oils, a lithium complex thickener, rust and oxidation inhibitors, and extreme pressure and tackiness additives. They are purple in color and stringy in texture.

The lithium complex thickener in Ulti-Plex Greases EP elevates the dropping point to approximately 255°C (491°F).

APPLICATIONS

These greases are recommended for applications operating in the temperature range of -26°C to 177°C (-15°F to 350°F).



Ulti-Plex Greases EP are ideal for a wide variety of industrial applications, including:

- **General Manufacturing** — These greases provide excellent structural integrity and protection in high temperature, extreme pressure, or wet environments such as extruder, dryer, furnace, exhaust fan, or crane bearing applications.
- **Mining** — These greases provide excellent shock load protection and water washout resistance properties found in wet, off-road environments. Applications appropriate for these greases include: pins and bushings on buckets and loaders, shaker screens, crushers, and conveyors.
- **Marine** — The excellent rust and corrosion inhibition properties make these greases ideal for deck cranes, winches, and other deck equipment found in Inland/Coastal vessels or off-shore drilling equipment.
- **Paper and Forest Products** — These lubricants are formulated for severe service applications such as: sludge press bearings, lime kilns, pumps, woodyard heavy equipment, doctor oscillator bearings, felt roll bearings, pulp refiner bearings, rope sheaves, and exhaust fan bearings.

Product(s) manufactured in the USA.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

A **Chevron** company product

3 June 2013
GR-130

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TYPICAL TEST DATA

NLGI Grade	1	2
<i>Product Number</i>	250186	250185
<i>SDS Number</i>	6701	6701
Operating Temperature, °C(°F)		
Minimum ^a	-26(-15)	-26(-15)
Maximum ^b	177(350)	177(350)
Penetration, at 25°C(77°F)		
Unworked	300	240
Worked	325	280
Dropping Point, °C(°F)	255(491)	255(491)
Four-Ball		
Weld Point, kg	500	500
Wear, Scar Diameter, mm	0.43	0.43
Timken OK Load, lb	70	75
Load Wear Index, kg	70	70
Bearing Water Washout, wt % Loss at 175°F	7	4
Water Spray-off, % at 100°F	25	15
Lincoln Ventmeter, psig at 30 s, at		
75°F	→	667
30°F	250	975
0°F	975	2500
-22°F	†	†
Copper Corrosion	1B	1B
Thickener, %	7.0	13.0
Type	Lithium Complex	Lithium Complex
ISO Viscosity Grade, Base Oil Equivalent	320	320
Viscosity, Kinematic*		
cSt at 40°C	383	383
cSt at 100°C	25	25
Viscosity, Saybolt*		
SUS at 100°F	2058	2058
SUS at 210°F	124	124
Viscosity Index*	85	85
Flash Point, °C(°F)*	274(525)	274(525)
Texture	Stringy	Stringy
Color	Purple	Purple

a 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.

b Maximum operating temperature is the highest temperature at which the grease could be used with frequent (daily) relubrication.

→ Not tested at this temperature.

† Too stiff at this temperature to pump through device.

* Determined on mineral oil extracted by vacuum filtration.

Minor variations in product typical test data are to be expected in normal manufacturing.