



# CHEVRON ULTI-PLEX<sup>®</sup> GREASES EP

## NLGI 1, 2

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### CUSTOMER BENEFITS

Chevron Ulti-Plex Greases EP deliver value through:

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

### FEATURES

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

They 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 Chevron Ulti-Plex Greases EP elevates the dropping point to approximately 265°C (510°F).

### APPLICATIONS

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



Chevron Ulti-Plex Greases EP are ideal for a wide variety of industrial and automotive applications across several industries, including:

- **Paper and Forest Products** — These lubricants are superior 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.
- **Mining** — Applications appropriate for these greases include: pins and bushings on buckets and loaders, shaker screens, crushers, and conveyors.
- **Off-Road Construction** — These greases display superior water washout resistance properties in wet, off-road environments, as well as excellent shock load protection.
- **Steel** — Steel mill applications often involve extremely high temperatures. The excellent structural stability of these greases makes them appropriate in these situations. Extreme pressure properties and resistance to water washout are also key in the steel mill environment.
- **Marine** — The rust and corrosion inhibition properties of Chevron Ulti-Plex Greases EP make them ideal for use in marine equipment exposed to severe corrosion environments. Examples include deck cranes and offshore drilling equipment.

## TYPICAL TEST DATA

NLGI Grade	1	2
Product Number	250186	250185
MSDS Number	6701	6701
Operating Temperature, °C(°F)		
Minimum <sup>1</sup>	-26(-15)	-26(-15)
Maximum <sup>2</sup>	177(350)	177(350)
Penetration, at 25°C(77°F)		
Unworked	300	240
Worked	325	280
Dropping Point, °C(°F)	265(509)	265(509)
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

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

<sup>1</sup> 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.

<sup>2</sup> 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.

◆ Not tested at this temperature.

† Too stiff at this temperature to pump through device.