



A HOLLYFRONTIER BUSINESS

# TECH DATA

## PRECISION™

### GENERAL PURPOSE

## INTRODUCTION

Petro-Canada Lubricants' PRECISION GENERAL PURPOSE greases are premium performance, long life multi-application greases formulated to reduce operating costs and provide long service protection over a wide range of operating temperatures.

PRECISION GENERAL PURPOSE greases are a series of high quality, lithium based extreme pressure greases for wide operating temperature ranges and water resistance.

## FEATURES AND BENEFITS

### Protection Advantage

- Low water washout requiring less re-greasing and maintenance.
- High mechanical stability in severe operating conditions.



*PRECISION GENERAL PURPOSE EP2 meets NLGI Service Classification LB for automotive chassis lubrication.*

## FORMULATIONS

- Excellent protection against rust and corrosion.
- Prevents scoring or spalling under high loads.
- Reduces friction and wear.
- Resists leakage, dripping and throw-off.
- Resists change in consistency during service.
- Maintains mobility under various conditions.

## APPLICATIONS

Petro-Canada Lubricants' PRECISION GENERAL PURPOSE greases are formulated to provide protection covering a wide range of applications especially where severe operating conditions exist. PRECISION GENERAL PURPOSE greases are recommended for a full range of automotive and industrial applications, including:

- Fleet
- Mining
- General Manufacturing
- Forestry
- Construction
- Pulp & Paper
- Agriculture
- Marine
- Power Generation
- Automotive
- Rail Lines
- Steel Mills

Petro-Canada Lubricants starts with the HT purity process to produce water-white, 99.9% pure base oils. The result is a range of lubricants, specialty fluids and greases that deliver maximum performance for our customers.



## PRECISION GENERAL PURPOSE

### PRECISION GENERAL PURPOSE EP1

PRECISION GENERAL PURPOSE EP1 is recommended for centralized greasing systems that lubricate heavily loaded conveyor bearings, mobile equipment found in mining, construction and forestry, as well as industrial bearings. Operating range is -30°C to 135°C (-22°F to 257°F).

### PRECISION GENERAL PURPOSE EP2

PRECISION GENERAL PURPOSE EP2 meets NLGI Service Classification LB for automotive chassis lubrication, and is recommended for use in bearings operating at low to moderate speeds and at medium temperatures. Operating range is -25°C to 135°C (-13°F to 275°F).

### PRECISION GENERAL PURPOSE MOLY EP2

PRECISION GENERAL PURPOSE MOLY EP2 contains 1.5% graphite & molybdenum disulphide solids. It is recommended for heavy duty applications in industrial machinery or off-highway equipment where vibration and shock loading are encountered. Operating range is -25°C to 135°C (-13°F to 275°F).

## TYPICAL PERFORMANCE DATA

Property	Test Method	PRECISION GENERAL PURPOSE		
		EP1	EP2	Moly EP2
NLGI Grade	D217	1	2	2
Colour	PCM 264	Amber	Amber	Grey
Texture	PCM 264	Stringy	Stringy	Stringy
Dropping Point, °C/°F	D2265	194/381	198/388	199/390
Worked Penetration, 60 strokes	D217A	323	271	291
Oxidation Stability 100 hrs, psi drop	D942	3	2	1
Base Oil Viscosity, cSt @ 40°C/SUS @ 100°F cSt @ 100°C/SUS @ 210°F	D445 D445	162/853 15.3/81	162/853 15.3/81	162/853 15.3/81
Timken OK Load, Kg/lb	D2509	18/40	18/40	18/40
Four Ball Weld Point, kg	D2596	250	250	315
Four Ball Wear scar diam, mm	D2266	0.48	0.49	0.44
Copper Corrosion	D4048	1B	1A	1A
Water Washout % @ 79°C/174°F	D1264	6.0	2.8	5.0
Recommended Operating Temperature Range, °C Temperature Range, °F		-30 to 135 -22 to 275	-25 to 135 -13 to 275	-25 to 135 -13 to 275

\*The values quoted above are typical of normal production. They do not constitute a specification.

Learn more about us: [lubricants.petro-canada.com](http://lubricants.petro-canada.com)  
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Committed to the disciplined operation of our business.



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