



LUBRICANTS

AN HF SINCLAIR BRAND

TECH DATA

PRECISION™

GENERAL PURPOSE

INTRODUCTION

Petro-Canada Lubricants' PRECISION GENERAL PURPOSE greases are 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. 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
- Steel Mills

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).

TYPICAL PERFORMANCE DATA

Property	Test Method	PRECISION GENERAL PURPOSE	
		EP1	EP2
NLGI Grade	D217	1	2
Colour	PCM 264	Amber	Amber
Texture	PCM 264	Stringy	Stringy
Dropping Point, °C/°F	D2265	194/381	198/388
Worked Penetration, 60 strokes	D217A	323	271
Oxidation Stability 100 hrs, psi drop	D942	3	2
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
Four Ball Weld Point, kg	D2596	250	250
Four Ball Wear scar diam, mm	D2266	0.48	0.49
Copper Corrosion	D4048	1B	1A
Water Washout % @ 79°C/174°F	D1264	6.0	2.8
Recommended Operating Temperature Range, °C Temperature Range, °F		-30 to 135 -22 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
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Committed to the disciplined operation of our business.



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