

Petro-Canada TechData



THERMEX™

Introduction

THERMEX synthetic oil based grease has excellent lubricating properties at temperatures above 260°C (500°F) where regular petroleum greases soften or melt. The fluid component of THERMEX vaporizes very slowly at extreme temperatures leaving little or no deposit. This normal evaporation loss is replaced at regular greasing intervals which vary by application requirements.

THERMEX is suitable for the lubrication of conveyor chain carriers in enamelling ovens, anti-friction bearings in glass manufacture, and high temperature fan bearings. It is particularly recommended for applications where lubricant carbonizing is a concern. Density of the Thermex is 1.07 Kg/L at 15°C.

PEERLESS LLG grease is recommended for high temperature, long life applications.

Typical Performance Data

PROPERTY	TEST METHOD	THERMEX
Colour	PCM 264	Amber
Texture	PCM264	Buttery
Appearance	PCM 264	Smooth
Thickener Type	D128	Silica Gel
Thickener %	D128	7.0
Dropping Point, °C (°F)	D2265	260+ (500+)
Worked Penetration @ 25°C	D217	280
Oxidation Stability, 100 hours, kPa (psi)	D942	21 (3)
Kinematic Viscosity	D445	Base Oil
cSt @ 40°C		227
cSt @ 100°C		37
SUV @ 100°F		1145
SUV @ 210°F		175
Four Ball Weld Point, kg	D2596	160
Copper Corrosion	D4048	1b

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

Health and Safety

Petro-Canada Specialty Greases have no adverse effects on health provided it is used as directed. To obtain Material Health and Safety Data Sheets (MSDS), contact one of Petro-Canada's TechData Info Lines.

TechData Info Lines

If you would like to learn more about Petro-Canada's THERMEX, or any other product in our complete line of quality lubricants, please contact us at:

Lubricants Head Office
Petro-Canada
2310 Lakeshore Road West
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Canada - West Phone 1-800-661-1199
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