

PYTHON GREASE

DESCRIPTION

PYTHON MULTIPURPOSE LITHIUM EP2 GREASE is an extra high performance, high temperature grease intended for a large variety of heavy-duty applications. It is based on a blend of high viscosity index mineral oils, a lithium complex soap thickener, specially selected lead free extreme pressure additives, rust and oxidation inhibitors plus a tackiness agent.

PERFORMANCE CHARACTERISTICS

Excellent **antiwear and EP performance** that is important for reducing wear rates and achieving a high load-carrying capability even under conditions of high sliding and moderate shock loading, thus extending the equipment life.

The superior **resistance to water wash-out** assures correct lubrication even in the presence of large amount of water.

It has excellent **adhesion and cohesion properties** in order to reduce leakages and extend re-lubrication intervals.

The effective **rust inhibitors** ensure components/bearings do not fail due to corrosion.

The superior **oxidation and thermal stability** extends the grease life and enhance bearing protection in high temperature applications.

It has **fair pumpability and low-high temperature** performance.

OPERATING TEMPERATURE RANGE

The recommended temperature range is from -25°C to 175°C, however it may be used intermittently up to 200°C with the lubrication frequency to be increased accordingly.

APPLICATIONS

PYTHON MULTIPURPOSE LITHIUM EP2 GREASE is the prime recommendation for use in applications where high thermal resistance is required. These include automotive, industrial, mining, earthmoving and marine applications such as slow moving, heavy duty bearings operating at high temperature and under severe load, wheel bearings subjected to high temperatures and load caused by repeated and high-speed braking in particular on disc brakes, chassis and other applications where a lithium complex grease with higher base oil viscosity is required and/or preferred.

**Oil Intel Ltd**

56 Whakatu Road, Whakatu, Hastings 4172.

PO Box 13 049, Mahora, Hastings 4155.

Phone: 06 871 5325 Fax: 06 870 4890.

Email: office@oilintel.co.nz

www.oilintel.co.nz

PYTHON GREASE

PYTHON MULTIPURPOSE LITHIUM EP2 GREASE may be used where either soap based or clay based greases is recommended, particularly if rationalisation of grease types is required.

TYPICAL TESTS**ASTM METHOD**

NLGI Grade	-	2
Soap Type	-	Lithium Complex
Appearance	-	Blue & tacky
Penetration at 25°C -		
Uncorked	D.217	270
Worked, 60 Strokes	D.217	275
Worked, 100,000 Strokes, Change %	D.217	+10
Dropping Point, °C	D.2265	260+
Roll Stability, Penetration Change %	D.1831	+10
Leakage, Wheel Bearing 65g -		
Packed, 163°C, g	D.1263	1.5
Water Washout at 80°C, %	D.1264	3.5
Oil Separation 24 Hours at 25°C, kPa	D.1742	2
Oxidation Stability -		
Pressure Drop at 100 Hour, kPa	D.942	15
at 500 Hour, kPa	D.942	70
Lubrication Life, Bearing No.204 -		
10,000 rpm, 163°C, Hours	D.3336	125
Rust Prevention Rating	D.1743	Pass
Timken, OK Load, Kg	D.2509	30
4-Ball Weld, Kg/f	D.2596	450
4-Ball Wear Scar, mm	D.2266	0.48
Mineral Oil Viscosity, cSt at 40°C	D.445	320

Supplier Product Code: 60720

"The facts stated and the recommendations made herein are believed to be accurate. No guarantee of their accuracy is made however, and unless otherwise expressly provided in written contract, the products are sold without conditions or warranties expressed or implied. Purchasers should determine the suitability of such products for their particular purposes".

Effective: March 2018

Cancels: September 2013

Imported and distributed by **Oil Intel Ltd**
www.oilintel.co.nz

**Oil Intel Ltd**

56 Whakatu Road, Whakatu, Hastings 4172.

PO Box 13 049, Mahora, Hastings 4155.

Phone: 06 871 5325 Fax: 06 870 4890.

Email: office@oilintel.co.nz

www.oilintel.co.nz