



AGCO EP2 GREASE

DESCRIPTION

AGCO 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

- 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.

Superior resistance to water wash-out

- Assures correct lubrication even in the most severe water exposure conditions.

Adhesion and cohesion properties

- In order to reduce leakages and extend re-lubrication intervals.

Rust Inhibitors

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

Superior oxidation and thermal stability:

- Extends the grease life and enhance bearing protection in high temperature applications.

Pumpability:

- Good in 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

AGCO 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.

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



Test	ASTM Method	Typical Result
Appearance		Blue & tacky
NLGI		2
Soap Type		Lithium Complex
Penetration at 25°C -		
Unworked	D2.17	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
Wheel Bearing Leakage, 65g - Packed, 163°C, g	D.1263	1.5
Water Washout at 80°C, %	D.1264	<5
Oil Separation 24 Hours at 25°C, kPa	D.1742	2
Oxidation Stability -		
Pressure Drop, 100 hours, kPa	D.942	15
Pressure Drop, 500 hours, 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	23
4-Ball Weld Load, Kg/f	D.2596	450
4-Ball Wear Scar, mm	D.2266	0.48
Mineral Oil Viscosity, cSt at 40°C	D.445	320

"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".

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