



Molytex® EP 2

Proven performance multipurpose lithium grease

Product Data Sheet

Product description

Molytex EP 2 is a proven performance multipurpose lithium grease, formulated with highly refined mineral base oils, a lithium soap thickener, robust EP additives, rust and oxidation inhibitors, combined with a molybdenum disulfide solid film lubricant.

Molytex EP 2 is designed for use in a wide range of construction, mining and agricultural equipment and offers reliable high and shock load protection.

Customer benefits

- Solid film molybdenum disulfide formulation promotes robust and reliable high and shock load equipment protection
- Rust and corrosion inhibitor additives help protect metal surfaces in wet operating conditions
- Robust molybdenum disulfide grease components offer stay-in-place solid film equipment protection
- Oxidation resistant formulation contributes to long grease service life
- Optimised flow properties aid pumpability in many pump application systems
- Wide range of applications offers grease inventory reductions and helps reduce potential misapplications

Applications

- Automotive chassis and grease point lubrication
- Construction, earthmoving, quarrying, agricultural and mining applications
- Pins, bushings and other sliding surface or pivot points and anti-friction bearings
- Ball and universal joints (U-joints)
- High and shock load applications

Product highlights:

- Robust high and shock load protection
- Rust and corrosion resistance
- Stay-in-place equipment protection
- Long grease service life
- Selected specification standards include:
 - AAR
 - DIN
 - ISO
 - Volvo

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Approvals and performance

Performance

	DIN 51 502	ISO 6743-09	OPERATING TEMPERATURE
Molytex EP 2	K PF 2 K-30	ISO-L-XCCEB2	-30°C up to 120°C with short periods up to 140°C

Approvals

- AAR Specification M-929-75 (NLGI 2)
- Volvo Corporate standard STD 1277.65, lubricating grease 97765

Typical test data

MOLYTEX EP 2		
TEST	TEST METHODS	RESULTS
NLGI Grade	DIN 51 818	2
Product Code		510840
Type of soap	-	Lithium
Colour	-	Dark Grey
Concentration MoS ₂ , wt%	-	3
Thickener content, %	-	9
Penetration worked, 60x, mm/10	DIN ISO 2137	280
Dropping Point, °C	DIN ISO 2176	210
Base Oil Viscosity at 40°C, mm ² /s	DIN 51 562	200
Base Oil Viscosity at 100°C, mm ² /s	DIN 51 562	15
Emcor corrosion test, distilled, stage	DIN 51 802	0-0
Copper Corrosion, 24 hrs at 100°C	DIN 51 811	1B
Four Ball Wear, method E Scar diameter, mm	DIN 51350/1,5	0.4
Four Ball Weld Load, N	DIN 51350/1,4	>3600



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continued

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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For more information, go to www.chevronlubricants.com

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MlyTX EP2/SA/PDSv2_19/07/2011

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