



# Molytex® EP2

Proven performance multipurpose lithium grease

Product Data Sheet

## Product description

Molytex EP2 is a proven performance multipurpose lithium grease primarily designed for a wide range of applications in construction, mining and agricultural equipment where extreme pressure and shock load protection is required.

Molytex EP2 is formulated with a highly refined ISO VG 220 mineral base oil in combination with a lithium soap thickener and robust extreme pressure additives. Molytex EP2 offers further protection through the presence of rust and corrosion inhibitors and molybdenum disulfide solid lubricant.

## Customer benefits

- EP additives combined with molybdenum disulphide solid lubricating film offer robust wear protection under high and shock loads
- Rust and corrosion inhibitors help protect vulnerable components under wet operating conditions
- Molybdenum solid lubricant continues to offer a level of protection when an insufficient amount of grease remains in place
- Robust oxidation protection contributes to a long and reliable grease service life
- Offers ease of use through grease pump application
- Wide range of automotive and industrial applications helps reduce inventory complexities and potential misapplications

## Applications

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

## Product highlights:

- Wear protection under high and shock loads
- Protection under wet conditions
- EP and molybdenum solid lubricant protection
- Long and reliable service life
- Selected specification standards include:
  - AAR
  - DIN 51 502
  - ISO 6743-09
  - 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 EP2		
TEST	TEST METHODS	RESULTS
NLGI Grade	DIN 51 818	2
Product Code		510840
Colour	Visual	Dark-Grey
Texture	-	Smooth
Soap Type	-	Lithium
Thickener, %wt	-	7.5
Base oil type	-	Mineral
Base oil viscosity at 40°C, mm <sup>2</sup> /s	ASTM D445	208
Base oil viscosity at 100°C, mm <sup>2</sup> /s	ASTM D445	18.2
Penetration worked, 60x, mm/10	ISO 2137	280
Dropping point, °C	ISO 2176	195
Timken, OK Load, kg	ASTM D2509	14
Molybdenum disulfide, %wt	-	3

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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