



# Molytex® EP

Proven performance multipurpose heavy-duty lithium grease

Product Data Sheet

## Product description

Molytex EP is a proven performance multipurpose heavy-duty lithium grease primarily designed for use in construction, mining and agricultural equipment applications where high loads and high shock loadings are present.

Molytex EP is formulated with a highly refined ISO VG 220 base oil, a lithium soap thickener, molybdenum disulfide solid film lubricant and extreme pressure, rust and oxidation protection additives.

## Customer benefits

- Extreme pressure additives and molybdenum disulfide solid film lubricant provide effective wear protection in highly loaded and high shock load conditions
- Resistant to rust and corrosion in wet operating conditions
- Molybdenum disulfide solid film lubricant offers protection if insufficient grease remains in place
- Oxidation resistance enhances grease service life
- Suitable for grease pump application
- Multipurpose heavy-duty applications across a wide range of industrial and automotive applications

## Applications

- Automotive
- Construction
- Earthmoving, quarrying and mining
- Agricultural equipment
- Chassis grease point lubrication
- Pins, bushings and other sliding surface or pivot points
- All types of anti-friction bearings
- Ball joints
- Universal joints (U-joints)
- High and shock load applications

## Product highlights:

- Multipurpose heavy-duty industrial and automotive applications
- Protects in high load and high shock load situations
- Resistant to rust and corrosion in wet operations
- Selected specification standards include:
  - NLGI
  - AAR

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Global Lubricants

## Approvals and performance specifications

### Performance specifications

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

### Approvals

- NLGI Service Classification LB (NLGI 2)
- AAR Specification M-929-75 (NLGI 2)

### Typical test data

MOLYTEX EP		
TEST	TEST METHODS	RESULTS
NLGI Grade	DIN 51 818	2
Product Code		510840.7
Colour	Visual	Dark grey
Texture	-	Smooth
Soap Type	-	Lithium
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

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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