

# MOL Liton 0EP

## lithium-base lubricating grease



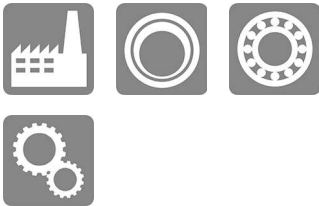
MOL Liton 0EP is a multipurpose lubricating grease produced from highly refined mineral oil and lithium 12-hydroxystearate thickener. It contains additives that reduce wear, inhibit oxidation and corrosion, as well as EP additive, to ensure outstanding performance.

Due to its excellent application properties, it can be used in a wide range of applications.

It is a very soft, smooth, brown coloured lubricating grease.

The temperature range of application is between -30 °C and +120 °C.

### Application



Medium-duty enclosed gear drives

Heavy-duty sliding and rolling bearings

Power transmission equipment

Central supply lubrication systems

### Features and benefits

Excellent load-carrying properties

Forms a continuous lubricating film that does not break even under dynamic load conditions

Contributes to increasing equipment lifetime

Good flow properties

Reliable application under cold weather conditions

Excellent mechanical and storage stability

Retains stable structure under load, so no softening of lubricating grease and no running off the lubrication point  
Lubricating grease can be stored for long a period without oil separation, hardening or softening

Excellent wear protection

Reduced wear of contacting surfaces, even under varying operating conditions

Exceptional thermal and oxidation stability

No hardening of lubricating grease at high temperatures and minimum oil separation

Excellent static water resistance

No softening or running off the lubrication point in wet, humid environments

Provides reliable lubrication for equipment operating outdoors

Low coefficient of friction

Lower operating temperatures, giving increased lubricant lifetimes

Excellent corrosion protection

Long-term protection against surface damage, even in the presence of moisture

Excellent yellow metal compatibility

Prevents premature deterioration of non-ferrous metal parts

### Specifications and approvals

NLGI grade: NLGI 0  
DIN 51502: GP0K-30  
DIN 51502: KP0K-30  
ISO 6743-9: L-XCCEB 0

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### Properties

Properties	Typical values
Appearance	brown, homogenous
Base oil viscosity at 40 °C [mm <sup>2</sup> /s]	200
Dropping point [°C]	190
Penetration after 60 strokes at 25 °C [0,1 mm]	370
Penetration change after 10000 strokes at 25 °C [0,1 mm]	10
Four ball test, weld load [N]	2600
Four ball test 60 min/400 N wear diameter [mm]	0,5
Timken OK load [Lb]	40
Corrosion at 100 °C/ 24 h (steel)	pass
Copper corrosion (100 °C, 24 h) [grade]	1
Static water resistance at 90 °C [grade]	1-90
Flow pressure at -20 °C [mbar]	55

The characteristics in table are typical values of the product and do not constitute a specification.

### Storage and handling instructions

The product does not contain any toxic materials. During storage and handling the product usual health safety regulations for mineral oil products should be observed. It should be stored at covered place, free of direct sunlight and moisture.

In the original container under the recommended storage conditions: 36 months

Recommended storage temperature: -5°C - +45°C

### Ordering information

Custom Tariff Number 27101999

#### SAP code and packaging:

13006406 MOL Liton 0EP 8KG  
13006405 MOL Liton 0EP 180KG

8 kg steel pail (for order only)  
213 l steel drum (for order only)

#### Order booking:

Please contact your local distributor or sales partner for ordering details.