

MOL Alubia 00EP

aluminium complex lubricating grease



A MOL Alubia 00EP is a high performance lubricating grease produced from high viscosity highly refined mineral base oil components and an aluminium complex thickener. It has beneficial evaporation and oxidation properties even at high temperatures. It contains additives that reduce wear, inhibit oxidation and corrosion, as well as EP additives in order to ensure outstanding performance. It is a semi-solid, brown coloured lubricating grease. The temperature range of application is between -25 °C and +140 °C.

Application



Heavy-duty open and enclosed gears where semi-solid grease is specified

Toothed clutches

Heavy-duty sliding bearings

Central supply lubrication system of commercial vehicles and off-highway machines

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

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

Exceptional thermal and oxidation stability

No hardening of lubricating grease at high temperatures and minimum oil separation
Resists ageing processes in the long term and harmful deposits are not formed
Cycle time of re-lubrication can be increased significantly
Increased operational safety, availability and lifetime of equipment

Excellent wear protection

Reduced wear of contacting surfaces, even under varying operating conditions

High base oil viscosity

Contributes to formation of a stable, continuous lubricating film, with increased load-carrying ability

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

MOL Alubia 00EP

aluminium complex lubricating grease



Specifications and approvals

NLGI grade: NLGI 00
DIN 51502: GP00N-25
ISO 6743-9: L-XBDHB 00

Properties

Properties	Typical values
Appearance	brown, homogenous
Base oil viscosity at 40 °C [mm ² /s]	460
Dropping point [°C]	205
Penetration after 0 strokes at 25 °C [0,1 mm]	415
Four ball test, weld load [N]	2400
Four ball test 60 min/400 N wear diameter [mm]	0,6
Timken OK load [kg]	18
Oxidation stability at 100 h / 100 °C pressure drop [kPa]	35
Corrosion at 100 °C/ 24 h (steel)	pass
Copper corrosion (100 °C, 24 h) [grade]	1
EMCOR test, distilled water [grade]	0

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: 24 months

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

Ordering information

Custom Tariff Number 27101999

SAP code and packaging:

13006010 MOL Alubia 00EP 8KG

8 kg steel pail

13005338 MOL Alubia 00EP 180KG

213 l steel drum

Order booking:

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