

MOL Aluroll Resist 2EP

metallurgical lubricating grease



MOL Aluroll Resist 2EP high performance lubricating grease is produced from highly refined mineral oils and aluminum-complex thickener. The synergetic effect of unique combination of additives ensures outstanding sealing and protective characteristic. The grease provides good performance in presence of high load, water or steam in a wide range of temperatures.

Temperature range of application in central lubrication systems: between -20°C and 180°C

Application



Equipment exposed to dynamic water loads

High temperature applications

Bearings exposed to dynamic loads

Axles, joints and accessories exposed to water

Individual and central supply lubrication systems

Features and benefits

Outstanding dynamic water resistance

No significant change in consistency and load-carrying properties, even on exposure to a large volume of water
Long-term reliable lubrication, even under load in the presence of water, so no runing off the lubrication point

Good sealing properties

Reduced risk of damage due to contaminated grease, giving a longer lubricant service life

Excellent load-carrying properties

Reduces risk of failure
Contributes to increasing equipment lifetime

Excellent pumpability

Applicable in central lubricating systems safely, even at varying temperatures

Exceptional thermal and oxidation stability

No hardening of lubricating grease at high temperatures and minimum oil separation
Longer lubricant lifetime,so reduced operational costs
Increased operational safety, availability and lifetime of equipment

Excellent corrosion protection

Effective protection of steel and non-ferrous metal parts even in the presence of water

Good mechanical and storage stability

Retains stable structure under load, so no softening of lubricating grease and no running off the lubrication point

Specifications and approvals

NLGI grade: NLGI 2
ISO 6743-9: L-XBFHB 2
DIN 51502: KP2R-20

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Properties

Properties	Typical values
Appearance	brown, homogenous
Base oil viscosity at 40 °C [mm ² /s]	200
Dropping point [°C]	245
Penetration after 60 strokes at 25 °C [0,1 mm]	285
Penetration change after 10000 strokes at 25 °C [%]	-10
Four ball test, weld load [N]	2500
Corrosion at 100 °C/ 24 h (steel)	pass
Copper corrosion (100 °C, 24 h) [grade]	1
Dynamic water - resistance at 79 °C [mass %]	1,6
Static water resistance at 90 °C [grade]	1-90
Oil separation (60 °C, 24 h) [mass %]	0,6
Wheel Bearing Leakage [mass %]	3,8
Flow pressure at 0 °C [mbar]	350
Water spray off [mass %]	24,6

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:

13009856 MOL Aluroll Resist 2EP 180KG
13009857 MOL Aluroll Resist 2EP CC

213 l steel drum (for order only)
steel grease IBC (customer) (for order only)

Order booking:

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