

TECHNICAL DATA SHEET

AIMOL Grease Lithium EP

EP grease for bearings

DESCRIPTION

AIMOL GREASE LITHIUM EP is a range of lithium soap thickened greases available in different NLGI classes. The product is a general purpose product designed to perform in a wide variety of application requiring a grease with EP properties and load-carrying capacity. Contains an extreme pressure additive technology which has a low impact on the environment.

BENEFITS

- Water resistant and resistant to water wash-out
- Outstanding load carrying capacity
- Excellent mechanical stability
- Superior sealing capacity
- Protects against rust and corrosion
- Offers protection against wear in a wide range of temperatures

APPLICATIONS

AIMOL GREASE LITHIUM EP is specially formulated to lubricate all sorts of equipment and mechanisms. The grease will perform excellent for on- and off- road equipment, manufacturing, agriculture, mining, marine, forestry and general purpose applications.
AIMOL GREASE LITHIUM EP 00 and 0 are suitable for steel mill lubricant and heavy duty plain and rolling element bearings and gearboxes requiring a semi-fluid grease. **AIMOL GREASE LITHIUM EP** 1 will work very well in centralized systems and extreme pressure gears working at ambient temperatures. **AIMOL GREASE LITHIUM EP** 2 and 3 are well suited in heavy duty bearings and general industrial lubrication.

TYPICAL FIGURES

Parameter	Lithium EP 00	Lithium EP 0	Lithium EP 1	Lithium EP 2	Lithium EP 3
Thickener	Lithium				
Base oil type	Mineral				
Base oil viscosity @ 40 °C, cSt	100				
Base oil viscosity @ 100 °C, cSt	13				
NLGI consistency	00	0	1	2	3
Unworked penetration @ 25 ºC	400/430	355/385	310/340	265/295	220/250
Dropping point, °C	160	175	175	180	180
4-ball wear test, welding load, kg	200	200	250	250	250
Mechanical stability	-20/+45	-20/+45	-20/+45	-20/+45	-20/+45
EMCOR corrosion test	1	1	1	1	1
Hofmann oxidation, kg /cm^2	1.5	1.5	1.5	1.5	1.5
Water wash out, %	2,5	2,5	3	2,5	2
Copper corrosion, 24h/100 ºC	1b	1b	1b	1b	1b
Operating temperature, ºC	-25 – 130	-25 – 120	-25 – 120	-25 – 120	-25 – 120

TECHNICAL DATA INFO LINE

Should you require additional information or advice on AIMOL products, please contact us as per the details below.

HEALTH AND SAFETY

AIMOL GREASE LITHIUM EP has no adverse health effects provided it is used as directed.

Typical figures as indicated may vary per production cycle and can change at manufacturers' option. Specifications, however, are guaranteed. Because of continuous product research and development, the information within this data sheet is subject to change without any notification. Although every effort is made to ensure accurate information, A.I.M. bv accepts no liability for any loss or damage suffered caused by the incorrectness and/or incompleteness of this text, and as a result of using this product for any application other than explicitly stated in this data sheet.

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