



DURALIFE® MOLY EP ALUMINUM COMPLEX GREASE MoAG

DURALIFE® MOLY EP ALUMINUM COMPLEX GREASE MoAG is manufactured from Aluminum complex thickener in high quality mineral oils coupled with synergistic of moly graphite lubrication , extreme pressure additives, rust and corrosion inhibitors . It is truly multipurpose , high temperature aluminum complex grease with excellent water resistance, mechanical stability and pump-ability .

APPLICATIONS :

DURALIFE® MOLY EP ALUMINIUM COPLEX GREASE MoAG is suitable for most automotive, marine, mining, construction, cement, steel mills , agricultural and heavy industrial applications such as: plain and anti-friction bearings (especially where high temperatures occur) , roller and needle bearings , flexible couplings, automotive disc brakes , water pumps , fan bearings , and electric motors. In many cases , it may be used for plant-wide grease lubrication . It is especially designed for applications such as : heavily loaded steel mill equipment , annealing furnaces , hot and cold rolling mills ,hot roll tables , cooling beds , ingot buggies , banbury mixes , hot calenders , tire molding presses, fabric ovens , paper machine wet-end and dryer-end bearings , drying ovens , kilns and other severe high temperature applications.

BENEFITS :

- High load capacity. Reduces friction providing superior protection in boundary conditions.
- Excellent extreme adhesive properties.
- Excellent shear or mechanical stability.
- Excellent extreme pressure properties.
- Excellent anti-wear and anti-corrosion properties.
- Being thixotropic, protects bearing from momentary expose to very high temperatures.
- Protects bearings against wear under severe conditions of shock loading.
- Excellent water resistance provides bearing protection when water wash-out or leaching conditions are encountered.
- Minimizes leakage from bearings and stays in place on high-speed machinery through outstanding adhesion properties under severe high temperature conditions.
- Long operational life at high temperature.

TYPICAL CHARACTERISTICS :

Product Specifications	Typical Results		
	MoAG0	MoAG1	MoAG2
NLGI Grade	0	1	2
Thickener Type	Aluminum complex	Aluminum complex	Aluminum complex
Water Washout @ 175°F ,%wt loss , ASTM D 1264	5	5	5
Dropping point , °C (°F) , ASTM D 2265	232(450)	260(500)	260(500)
Penetration @25 °C(77°F) , Worked (60 Strokes) ,0.1mm, ASTM D 217	355 - 385	310 - 340	265 - 295
Timken OK Load, lbs , ASTM D 2509	45	45	45
4-Ball EP Weld Point, Kgf , ASTM D 2596	400	400	400
Operating Temperature Ranges :			
Minimum, °C (°F)	-25(-13)	-20(-4)	-18(-0)
Maximum Continuous Service, , °C (°F)	150 (302)	200 (392)	232 (450)

The above characteristics are average values based on recent production .Minor variations which do not affect product performance are to be expected in normal manufacture .

WARNING!

Contains petroleum distillates. Contact with skin or eyes can cause irritation. Avoid prolonged contact. Wash thoroughly after handling. If irritation , headache or nausea occurs , remove to fresh air . Get medical attention if symptoms persists. If swallowed , do not induce vomiting. Consult physician immediately.

Keep away from children

Do not store above 120°F. Keep away from heat or flame.

Reference MSDS Number 12054 database on our website at www.amtecol.com