



## DURALIFE® ALUMINUM COMPLEX GREASE AG

**DURALIFE® ALUMINUM COMPLEX GREASE AG** is manufactured from high quality mineral oils with Aluminum complex thickener , 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 .Unlike some ordinary soap and clay base grease , it exhibits structural reversibility.

### APPLICATIONS :

**DURALIFE® ALUMINIUM COPLEX GREASE AG** is suitable for most automotive, marine, mining, construction, 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 :

- Protects bearings against wear under severe conditions of shock loading.
- Excellent shear or mechanical stability.
- Excellent extreme pressure properties.
- 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  |                  |                  |
|---|------------------|------------------|------------------|
|   | AG0              | AG1              | AG2              |
| 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                                 | 60               | 60               | 60               |
| 4-Ball EP Weld Point, Kgf , ASTM D 2596                           | 400              | 400              | 400              |

*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 SDS Number 12054 database on our website at [www.amtecol.com](http://www.amtecol.com) OR scan the code for a direct link

