



DURALIFE® MULTI-PURPOSE POLYUREA GREASES PG

DURALIFE® MULTI-PURPOSE POLYUREA GREASES PG are manufactured from high quality mineral oils with Polyurea thickener , extreme pressure additives and high performance corrosion and oxidation inhibitors. With its outstanding high-temperature resistance of oxidation stability , load-carrying capability , shear stability , water resistance and wide operating temperature range.

DURALIFE MULTI-PURPOSE POLYUREA GREASES PG are the excellent multi-purpose greases for a wide variety of automotive , industrial , mining , agricultural , and construction applications.

APPLICATIONS :

DURALIFE® MULTI-PURPOSE POLYUREA GREASES PG are recommended for use in wheel bearings, chassis parts, anti-friction bearings, plain bearings , roller bearings , electric motor bearings , universal joints ,ball joints, water pumps, etc. operating under high load and high temperature conditions.

BENEFITS :

- Outstanding high-temperature resistance of oxidation stability.
- Good shear stability.
- Protect bearings against wear under severe conditions of shock loading.
- Excellent extreme pressure properties.
- Resist water washing and rusting.
- Minimize 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		
	PG 0	PG 1	PG 2
NLGI Grade	0	1	2
Thickener type	Polyurea		
Dropping point , °C (°F) , ASTM D 2265	240(464)	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	60	65
4-Ball Wear ,mm , 1hr ,75 °C ,1200 rpm,40Kgf ,ASTM D 2266	< 0.6	< 0.6	< 0.6
4- Ball EP , Weld point ,Kgf , ASTM D 2596	400	450	500
Rust Protection , ASTM D 1743	pass	pass	pass
Oil Separation , wt% , ASTM D 1742	< 0.3	< 0.3	< 0.3
Oxidation Stability @210 °F , psi Drop 100 hrs Max , ASTM D 942	< 5	< 5	< 5
Water Washout @ 175°F ,%wt loss , ASTM D 1264	-	< 3	< 3
Water Spray-off , ASTM D 4049	< 50	< 50	< 50
Operating Temperature Ranges :			
Minimum, °C (°F)	-40(-40)	-40(-40)	-40(-40)
Maximum Continuous Service, , °C (°F)	127 (260)	177 (350)	177 (350)

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. Avoid breathing vapors . 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 12088 database on our website at www.amtecol.com