

## DURALIFE® EP LITHIUM 12 HYDROXY STEARATE GREASES HSG

**DURALIFE® EP LITHIUM 12 HYDROXY STEARATE GREASES HSG Products** are manufactured from high quality mineral oils with Lithium 12 Hydroxy stearate thickener, extreme pressure (EP), rust and corrosion inhibitors. These products has a customized formulation that provides superior anti- friction and film protection under heavy load conditions. These greases are also water resistance and maintaining lubrication in long-life service. These greases offer excellent low temperature pumpability and high temperature protection. They can also be applied in industrial machinery where poly-lithium EP grease is specified.

### APPLICATIONS :

#### **DURALIFE® EP LITHIUM 12 HYDROXY STEARATE GREASES HSG Products :**

- Highly recommended for chassis, universal joints and wheel bearing applications
- Extended service life in heavy duty automotive, trucks, buses, and farm tractors
- Suitable for a wide range of industrial applications including heavy-duty applications where high unit pressures or shock loads are present . These greases provide excellent protection against rust and corrosion and resist water wash-out which makes them particularly suitable for equipment where moist or wet conditions are common.

### BENEFITS:

- Protect bearings against wear under severe conditions of shock loading.
- Resist water washing and rusting, corrosion and rust protection.
- Excellent extreme pressure properties.
- Easy to apply due to good pump-ability at low temperatures.
- Tackified and provide excellent film formation on lubrication site.

### TYPICAL CHARACTERISTICS :

Product Specifications	Typical Results					
	HSG 000	HSG 00	HSG 0	HSG 1	HSG 2	HSG 3
NLGI Grade	000	00	0	1	2	3
Thickener type	Lithium 12 -Hydroxy Stearate					
Texture	Smooth / Tacky					
Dropping point , °C (°F) , ASTM D 2265, min.	N/A	N/A	182(360)	182(360)	182(360)	182(360)
Penetration @25 °C(77°F) , Worked (60 Strokes) ,0.1mm , ASTM D 217, min	445 - 475	400 - 430	355 - 385	310 - 340	265 - 295	220 - 250
Timken OK Load, lbs , ASTM D 2509	-	45	45	45	45	45
4-Ball Wear ,mm , 1hr ,75 °C , 1200 rpm,40Kgf , ASTM D 2266	0.4	0.4	0.4	0.4	0.4	0.4
4- Ball EP , Weld point ,Kgf , ASTM D 2596	250/50					
Operating Temperature Ranges :						
Minimum, °C (°F)	-25(-13)	--25(-13)	-20(-4)	-20(-4)	-20(-4)	-20(-4)
Maximum Continuous Service, °C (°F)	120(248)	120(248)	130(266)	130(266)	130(266)	130(266)

*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 **SDS Number 12018** database on our website at [www.amtecol.com](http://www.amtecol.com) OR scan the code for a direct link

