



PRODUCT DESCRIPTION

PSO ALPHA EP GREASE is developed for a wide range of applications where the benefits of lithium base thickened greases having excellent extreme pressure, load carrying and anti-wear properties. It contains an effective anti-oxidant and anti-rust additive and is ideal multipurpose grease, suitable for both automotive and industrial applications.

APPLICATIONS

- Excellent performance where bearings are subjected to shock load condition.
- Automotive.
- General Construction equipment.
- Earthmoving vehicles, mobile quarry and mining equipment.
- Agriculture machinery.

BENEFITS

PSO ALPHA EP GREASE provides the following benefits:

- Excellent extreme pressure properties.
- Good resistance to water washout.
- Good rust and corrosion protection.
- Good mechanical stability.
- Multifunctional use.

PRODUCT CHARACTERISTICS*

PROPERTIES	METHOD	TYPICAL RESULTS			
		0	1	2	3
NLGI Grade		Light brown	Light brown	Light brown	Light brown
Appearance		Lithium Soap	Lithium Soap	Lithium Soap	Lithium Soap
Soap Base, Type		370	325	280	235
Penetration worked, 60 Strokes	ASTM D-217	160	170	180	180
Dropping Point, °C, min.	ASTM D-566	Pass	Pass	Pass	Pass
Copper corrosion, 24hrs @ 25°C	ASTM D-4048	180	180	190	190
EP Performance test, Weld Point, Kgf, max.	ASTM D-2596	0.5	0.5	0.7	0.7
Four Ball Wear, 40 Kg, 1200rpm, 75C, 1hr, scar dia, mm	ASTM D-2266	-	-	< 295	< 250
Unworked	ASTM D-217	-	-	5	2
Oil Separation, % wt., 18h @ 40°C, max.	IP 121	-	-	5	5
Leakage tendencies in gm deposit on bearing surface, 6hrs@105 C, max.	ASTM D-1263	-	-	100	100
Shell Roll (0.1mm) @ 18 hrs@65°C, max.	ASTM D-1831				

* These typical characteristics mentioned are based on current mean values.



HEALTH & SAFETY

Guidelines for health, safety and handling are available in Material Safety Data Sheet of the product which can be obtained from PSO representative.



ENVIRONMENT PROTECTION

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.



ADVICE

Advice on application not covered in this leaflet, may be obtained from PSO representative.