Technical Data Sheet

Shell Albida Grease SDS 1

Severe duty synthetic lithium complex grease

Shell Albida Grease SDS 1 consists of a lithium complex soap thickener, a synthetic base fluid blend and a specially formulated additive package. This extreme pressure (EP) grease is compounded with a highly viscous synthetic base fluid ensuring high film strength. It is formulated with high performance additives which insure excellent high temperature oxidation performance, anti-wear and anti-corrosion properties.

Applications

Shell Albida Grease SDS 1 is intended for use in plain and rolling element bearings operating at extremely slow speeds, under heavy loads and high temperatures. Common applications include rotary cooker kiln, rotary stoker, furnace, hammer mill and washer bearings.

Performance Features

- ***Excellent film strength***
  Viscous synthetic base fluid and performance additives
- ***Excellent load carrying capability***
  Efficient lubrication of heavily loaded components
- ***Excellent corrosion and rust protection***

Operating Temperature Range

From -25°C to 120°C

Dispensing

Albida Grease SDS 1 is suitable for dispensing through standard lubrication equipment

Health & Safety

For information on the safe handling and use of th1s product, refer to its Material Safety Data Sheets at **http://www.shell-lubricants.com/msds/.** If you are a Shell Distributor, please call **1+800-468-6457** for all of your service needs. All other customers, please **call 1+800-840-5737** for all of your service needs. Information is also available on the World Wide Web: http://www.shell-lubricants.com/.

Advice

Advice on applications not shown on this leaflet may be obtained from your Shell Representative.

Typical Physical Characteristics

Shell Albida Grease	**SDS 1**
Product Code **Drums** **Kegs**	 5072725 5072724
NLGI Consistency	**1**
Color	Amber
Soap Type	Lithium Complex
Base Oil (type)	Synthetic
Kinematic Viscosity @ 40°C cSt 100°C cSt (ASTM D445)	 1350 105
Cone Penetration Worked @ 25°C 0.1 mm (ASTM D217)	310 - 340
Dropping Point °C (ASTM D2265)	260
Four-Ball EP Weld Point kgf (ASTM D2596)	250
Four-Ball Wear mm 1 hr@ 75°C/40 kgf/1200 rpm (ASTM D2266)	0.6
Copper Corrosion (ASTM D4048)	1b max
Rust Test Distilled Water (ASTM D1748)	Pass

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.