



SHELL DARINA[®] GREASES SD

Multipurpose non-soap extreme pressure greases for lubrication of bearings operating at elevated temperatures

Product Description

Shell Darina[®] Greases SD are multipurpose, non-soap greases. They give excellent lubrication for extended time periods, in wet or dry applications, and over a wide range of temperatures. They are also formulated to provide extreme pressure (EP) characteristics.

Shell Darina Greases SD are based on a non-melting bentonite clay thickener system. Due to the inert nature of the clay, these greases are suitable for applications where the lubricant is exposed to contaminants such as water and chemicals found in many industrial applications including chemical plants and paper mills. These greases are **not recommended** for use in centralized lubrication systems.

Applications

Excellent for applications in the following environments:

- industrial grease-lubricated machinery at temperatures up to 250°F (350°F with frequent lubrication)
- ball, roller, and sleeve bearings, as well as sliding surfaces and grease lubricated gears
- wet and heavily loaded applications
- chemical plants and paper mills, where grease is exposed to very wet conditions
- mining and process plants, where crushers, screens and kilns are operated at high temperatures

Features/Benefits

- non-melting
- excellent resistance to water washout
- good load carrying capability
- good resistance to rust and corrosion

Typical Properties of Shell Darina Greases SD

	Test Method	1	2
NLGI Grade		1	2
Product Code			
Tubes		-----	5067628
120 lb kegs		5067624	5067626
400 lb drums		5067625	5067627
Thickener Type		Bentonite Clay	Bentonite Clay
Appearance		Brown, Smooth	Brown, Smooth
Viscosity:			
@ 40°C, cSt	D 445	1000	1000
@ 100°C, cSt	D 445	90	90
Penetration, dmm			
Worked, 60X	D 217	325	280
Dropping Point, °F	Mettler	500+	500+
Copper Corrosion	D 4048	1b	1b
Rust Test, Distilled Water	D 1743	Pass	Pass
Oil Separation, wt%	D 1742	< 3	< 3
Water Washout, wt% loss @175°F	D 1264	< 3	< 3
Water Spray-Off, wt%	D 4049	< 10	< 10
Timken, OK Load, lbs	D 2509	40	40
Weld Point, kgf	D 2596	250	250
Four-Ball Wear, mm 1 hr, 75°C, 1200 rpm, 40 kgf	D 2266	0.6	0.6

Handling & Safety Information

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet at <http://www.equivashellmsds.com>. 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/>.