



Previous Name: Shell Darina Grease SD

Shell Gadus S2 U1000

High Performance Heavy Duty Grease

- *Heavy Duty Protection*
- *High Temperature*
- *Clay*

Shell Gadus S2 U1000 greases 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 Gadus S2 U1000 greases 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 Gadus S2 U1000

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NLGI Grade			
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	310-340	265-295
Dropping Point, °F	Mettler	400+	400+
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	< 5	< 5
Water Spray-Off, wt%	D 4049	< 10	< 10
Timken, OK Load, N	D 2509	200	200
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