



SHELL RHODINA[®] GREASE SDX 2

Calcium grease for industrial applications

Product Description

Shell Rhodina[®] Grease SDX 2 is a heavy-duty grease thickened with an anhydrous 12-hydroxystearate thickener and formulated with graphite and molybdenum disulfide (moly) for extreme pressure performance.

Applications

- used in severe applications where high load carrying capability and/or outstanding resistance to water washout is required
- used in applications where the lubricant is designed to thermally decompose leaving behind the solid additives to afford lubrication

Features/Benefits

- an anhydrous calcium grease containing graphite and moly
- excellent operating temperature performance
- outstanding load carrying capability
- exhibits excellent adhesiveness
- extremely resistant to water washout
- resistant to flaking or lumping on gears down to -40°F

Applications

- fifth wheels
- ball mill gears
- fork lifts (rails and wheel-drive gears)
- slipper drives (steel mills)
- rigs (back-up legs)
- dredging (cutting heads)
- traveling water screens

Product Maintenance

Open gears require routine maintenance for proper long-term operation. **Shell Rhodina® Grease SDX 2** is available in 12 oz. caulking gun tubes with a nozzle for ease of application. Shell greases are available with or without liners to facilitate container disposal in compliance with local regulations.

Typical Properties of Shell Rhodina® Grease SDX 2		
		SDX 2
Code No.		71228
	Test Method	
NLGI Grade		2
Appearance		Black-Gray
Calcium Soap, wt%		6
Penetration	D 217	
Unworked		283
Worked, 60X		270
Worked, 100KX		315
Dropping Point, minimum °C (°F)	Mettler	138 (280)
Mineral Oil Viscosity		
@ 40 °C, cSt	D 445	1000
@100 °C, cSt	D 445	36.5
@100 °F, SUS	(calc)	4545
@210 °F, SUS	(calc)	170
Water Washout, wt% loss at 175°F	D 1264	0.25
Water Spray-Off, wt% loss	D 4049	11.5
Four-Ball EP	D 2596	
Load Wear Index, kgf		67
Weld Point, kgf		500
Four-Ball Wear, 1 hr/75°C/1200 rpm/40 kg	D 2266	0.56
Guide To Usable Temperature ⁽¹⁾		
Min, °F		0
Continuous Service, Max, °F		225

⁽¹⁾ May be used in special cases at high temperature where the carrier grease is thermally decomposed leaving the solid mineral additives to afford lubrication.

Handling and Safety Information

For information on the safe handling and use of these products, refer to the Material Safety Data Sheet 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/>.