



Previous Names: **Shell Retinax Fifth Wheel Grease; Rhodina SDX**

Shell Gadus S3 A1000XD

Premium Greases with Extra Solids

- **Heavy Duty Protection**
- **Water Resistant**
- **Calcium**

Shell Gadus S3 A1000XD is a heavy duty calcium grease formulated with a high level of solid additives for enhanced load carrying capability. The high solids content and heavy base oil utilized in this product are designed to provide an effective lubricant film under the high loads and constant sliding contact.

Applications

- Fifth wheels and turntables
- Ball mill gears
- Forklifts (rails and wheel drive gears)
- Slipper drives (steel mills)
- Rigs (back-up legs)
- Dredging (cutting heads)
- Traveling water screens

Performance Features

- **Outstanding load carrying capability**
Efficient lubrication of heavily loaded components
- **Excellent surface adhesion and resistance to water** Resists both washout and spray-off
- **Excellent adhesive properties** In heavy load and shock conditions

- **Resistant to flaking and clumping**

Operating Temperature Range

Proven performance in ambient temperatures from -20°C (-4 °F) to 50°C (122 °F)

Health & Safety

Shell Gadus S3 A1000XD greases are unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Shell Product Safety Data Sheet.

Advice

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



Shell Gadus Grease	S3 A1000XD
Color	Dark gray
NLGI Consistency	2
Soap Type	Calcium
Base Oil (type)	Mineral
Kinematic Viscosity	
@ 40°C cSt	1000
100°C cSt	36.5
(ASTM D445)	
Cone Penetration	265-295
Worked @ 25°C 0.1 mm	
(IP 50/ASTM D217)	
Dropping Point °C (°F)	140 (284)
(ASTM D566)	
Four-Ball EP	500
Weld Point kgf	
(ASTM D2596)	
Four-Ball Wear mm	0.6
1 hr@ 75°C/40 kgf/1200 rpm	
(ASTM D2266)	
Water Washout wt%	< 3
(ASTM D1264)	
Water Spray-Off, wt%	< 20
(ASTM D4049)	