Technical Data Sheet

Formerly Known As: **Shell Rhodina Grease EP (LF) 2**

Shell **Gadus** *S2 A320 2*

- Reliable Protection
- Water Resistant
- Calcium

High Performance Multipurpose Extreme Pressure Grease

Shell Gadus S2 A320 greases are smooth textured, calcium based greases for industrial and marine applications at moderate temperatures requiring extreme pressure performance.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Good water resistance**
  Withstands washing with water, preventing loss of protection.
- **Safe handling**
  Product does not require any labelling.
- **Extreme pressure performance**
  Protects components from excessive wear under heavy loads.

Main Applications



- Plain bearings working under arduous conditions in the presence of water.
- Stern Tube Bearings, Cranes, Davits, Winches, Windlass.
- General Wire Rope or open gear lubrication
- Shell Gadus A320 Greases are not recommended for rolling element bearings.

Specifications, Approvals & Recommendations

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

Compatibility & Miscibility

- **Seals**
  Shell Gadus S2 A320 Greases are compatible with all normal mineral oil seal materials.

Typical Physical Characteristics

Properties			Method	Shell Gadus S2 A320 2
NLGI Consistency				2
Colour				Brown
Soap Type				Calcium
Base Oil Type				Mineral Oil
Kinematic Viscosity	@40°C	cSt	IP 71 / ASTM D445	320
Kinematic Viscosity	@100°C	cSt	IP 71 / ASTM D445	16.5
Cone Penetration, Worked	@25°C	0.1mm	IP 50 / ASTM D217	265-295
Dropping Point		°C	IP 396	85
Pumpability, Long Distances				Fair

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

Health, Safety & Environment

- **Health and Safety**

Shell Gadus S2 A320 is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from https://www.epc.shell.com

- **Protect the Environment**

  Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Additional Information

- **Operating Temperature Range**

  -10^{0}C to +80^{0}C Peak temperatures up to 100^{0}C (short periods)

- **Dispensing**

  Shell Gadus S2 A320 Greases are suitable for dispensing through standard lubrication equipment.

- **Advice**

  Advice on applications not covered here may be obtained from your Shell representative.