Shell Gadus *S1 V220 2*

Multi-purpose Extreme Pressure Grease

Technical Data Sheet

- Multi-purpose Application
- Lithium

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Fair Protection Against Wear due to Good EP Properties**
- **Good Mechanical Stability**

  Maintains consistency, reducing leakage
- **Good Resistance to Water Wash-out**
- **Fair Corrosion Resistance Characteristics**

  Protects bearing surfaces against corrosion

Main Applications

- General lubrication of moderate-duty plain and rolling bearings operating with poor sealing and/or exposed to external contaminants (Steel, Cement and General Engineering sectors).

Specifications, Approvals & Recommendations

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

Typical Physical Characteristics

Properties			Method	Shell Gadus S1 V220 2
NLGI Consistency				2
Colour				Brown
Soap Type				Lithium
Base Oil (type)				Mineral
Kinematic Viscosity	@40°C	cSt	IP 71 / ASTM D445	220
Kinematic Viscosity	@100°C	cSt	IP 71 / ASTM D445	18
Cone Penetration, worked	@25°C	0.1mm	IP 50 / ASTM D217	265-295
Dropping Point		°C	IP 396	>180

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 S1 V220 2 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**

  Shell Gadus S1 V220 2 is recommended for use over the temperature range -20^{0}C to +120^{0}C.

- **Advice**

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