



Formerly Known As: Shell Albida Grease PP

Shell Gadus S3 V220 1.5

- Extra Protection
- High Temperature
- Lithium Complex

Premium Multipurpose Extreme Pressure Grease

Shell Gadus S3 V220 Grease is a high performance grease for general industrial applications, including but not limited to paper machines.

It is based on high viscosity mineral base oil and a lithium complex soap thickener. It contains additives against wear, oxidation and corrosion.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Excellent mechanical stability and water resistance**
Critical properties for the function of labyrinth seals in bearing housings in the wet end of a paper machine.
- **Corrosion protection**
Good protection against corrosion from aggressive process water.
- **Enhanced extreme-pressure properties**
Excellent load-carrying performance.
- **High dropping point**

Main Applications



- Shell Gadus S3 V220 Grease is used for the grease lubrication of bearings used in the wet end of paper machines.
- Multi purpose grease in paper industry.

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 S3 V220 1.5
NLGI Consistency				2
Colour				Light brown
Base Oil Type				Mineral and XHVI
Base Oil Viscosity	@40°C	cSt	IP 71 / ASTM D445	220
Base Oil Viscosity	@100°C	cSt	IP 71 / ASTM D445	21
Cone Penetration, Worked	@25°C	0.1mm	IP 50 / ASTM D217	275 – 295
Dropping Point		°C	IP 396	260
Pumpability Long Distance				Good

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 S3 V220 Grease 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 Material Safety Data Sheet, which can be obtained from <http://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

- **Re-greasing Intervals**

For bearings operating near their maximum recommended temperatures, re-greasing intervals should be reviewed.

- **Temperature Range**

-20°C to +140°C (peak 150°C)

- **Advice**

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