



Technical Data Sheet

Shell Naturelle Grease S5 V120P 2

- European Union Ecolabel
- US EPA VGP Compliant

Advanced Biodegradable Extreme Pressure Grease

Shell Naturelle Grease S5 V120P is a biodegradable grease for use in applications where environmental acceptability is required. This grease is base upon a lithium hydroxystearate soap thickener, is free from lead & sodium nitrite and is fortified with extreme pressure, anti-oxidant, anti-wear and anti-rust additives.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- Fully biodegradable to latest CEC standards
- Good oxidation and mechanical stability

Resists the formation of deposits caused by oxidation at high operating temperatures and maintains consistency, reducing leakage.

- Good corrosion resistance characteristics
- Effective protection in hostile environments.

Main Applications



- Heavy duty bearings and general industrial lubrication.
- Operation over the temperature range -20°C to 100°C for bearings operating at 75% of the maximum rated speed (Can withstand up to 120°C intermittently).

Specifications, Approvals & Recommendations

- Becker Marine Systems
- Rolls Royce Marine
- European Eco label, licence number UK/27/004

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

Typical Physical Characteristics

Properties				Method	Shell Naturelle Grease S5 V120P
NLGI Consistency					2
Soap Type					Lithium Hydroxystearate
Base Oil (type)					Ester
Kinematic Viscosity	@40°C	cSt		IP 71 / ASTM D 445	120
Kinematic Viscosity	@100°C	cSt		IP 71 / ASTM D 445	19
Cone Penetration Worked	@25°C	0.1mm		IP 50 / ASTM D 217	280
Dropping Point		°C		IP 132 / ASTM D 566-76	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 Naturelle Grease S5 V120P 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.

- **Advice**

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