



Technical Data Sheet

Formerly Known As: **Shell Naturelle Grease EP**

Shell Naturelle S5 Grease V120P 2

- Synthetic
- US EPA VGP Compliant
- EU Ecolabel

Advanced Synthetic Biodegradable Extreme Pressure Grease

Shell Naturelle S5 Grease V120P 2 is a fully synthetic biodegradable grease for use in applications where environmental acceptability is required. This grease is based upon a lithium hydroxystearate soap thickener and is fortified with extreme pressure, anti-oxidant, anti-wear and anti-rust additives.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- Meets Requirements of 2020 EU Ecolabel including low CO2 packaging

- **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.

- Meets USDA Bio-preferred program

- Plain and rolling element bearings and general industrial lubrication.
- Operation over the temperature range -35°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
- EU Ecolabel : NL/027/029

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

Main Applications



Typical Physical Characteristics

Properties	Method	Shell Naturelle S5 Grease V120P 2
NLGI Consistency		2
Soap Type		Lithium Hydroxystearate
Base Oil (type)		Ester
Kinematic Viscosity @40°C	cSt	IP 71 / ASTM D445 120
Kinematic Viscosity @100°C	cSt	IP 71 / ASTM D445 19
Cone Penetration, Worked @25°C	0.1mm	IP 50 / ASTM D217 280
Dropping Point	°C	IP 132 / ASTM D566-76 180

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 S5 Grease V120P 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

- **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.