



Previous Name: **Shell Nerita HV**

Shell Gadus S5 V42P

- *Extra Protection & Long Life*
- *High Speed*
- *Lithium*

Advanced Extreme Pressure Grease for High Speed Bearings

Customer Benefits

Cost Savings via

- Lower seal costs that result from the use of advanced XHVI base oils instead of PAOs and/or esters that are more compatible with seal materials allowing lower cost seals to be used while obtaining the same extended life.
- Lower maintenance costs due to the extra long service life that can be obtained in electrical motors & high speed bearings that result from the use of an appropriate thickener and selected additive technology, developed & tested by Shell
- Reduced cost due to the excellent performance in high speed machine tool bearings that usually employ far more expensive greases from specialist companies (eg Kluber Staburags), this performance results from the leading edge technology that comes from investing continuously in Grease R&D

Peace of Mind via

- The proven nature of the technology, that is evident from the approval by leading companies such as SNR, ABB, in a range of applications which grows every year.
- The knowledge that Shell is in FULL control from Research & Development to manufacture & quality assurance in our own ISO approved plants, which are regularly audited and passed by quality conscious customers buying Shell Gadus S5 V42P.
- Availability of Shell expertise, to assist in safely developing the cost savings available from the wide range of Shell products
- No Health & Safety concerns, as Shell Shell Gadus S5 V42P is free from any harmful component vs EC requirements.

Convenience via

- Guaranteed suitable lubrication of equipment world-wide, as this product is part of the International SeaShell range of products, which can be found throughout the world, and is actually used for electrical motor bearings in Shell oil rigs and refineries world-wide.

Key Industry Sectors & Applications

- General Engineering, Autocomponents

Electrical motors, high speed bearings (loaded & unloaded), high speed machine tool bearings, bearings of industrial fans, wheel bearings,.. with a n.D_m factor above 250,000.

Operating Temperature Range

Shell Gadus S5 V42P is recommended for use over the temperature range -30°C to 130°C

Health & Safety

Shell Gadus S5 V42P is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained. For further guidance on Product Health & Safety refer to the appropriate Shell Material Safety Data Sheet

Advice

For advice on applications not covered in this leaflet may be obtained from your Shell Representative

Typical Physical Characteristics

Shell Gadus Grease	S5 V42P
NLGI Consistency	2.5
Colour	Light brown
Soap Type	Lithium
Base Oil (type)	Special Mineral (synthetic like)
Kinematic Viscosity @ 40°C cSt 100°C cSt (IP 71/ASTM-D445)	42 8
Dropping Point °C (IP 322/ASTM-D566-76)	180
Cone Penetration Unworked @ 25°C 0.1 mm (IP 50/ASTM-D217)	255

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