Technical Data Sheet

Shell Nerita HV

High speed, long life bearing grease

Shell Nerita HV uses advanced XHVI base oils to deliver excellent performance in electric motors and high speed bearing applications.

Applications

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

Benefits

- Helps lower seal costs due to the use of advanced XHVI base oils instead of PAOs and/or esters that are more compatible with seal materials. This allows lower cost seals to be used while obtaining the same extended life.
- Helps lower maintenance costs due to the extra long service life that can be obtained in electrical motors & high-speed bearings.
- Helps reduce costs due to the excellent performance in high-speed machine tool bearings that usually employ far more expensive greases.
- Provides peace of mind due to the proven nature of the technology that is evident from the approval by leading companies such as SNR and ABB in a growing range of applications.

Operating Temperature Range

Shell Nerita HV is recommended for use over the temperature range -20°F to 250°F

Handling & Safety Information

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet. If you are a Shell Distributor, please call **1+800-468-6457** for all of your service needs. All other customers, please **call 1+800-840-5737** for all of your service needs. Information is also available on the World Wide Web: **http://www.shell.com/us/lubricants**.

Advice

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

Typical Physical Characteristics

Shell Nerita Grease	**HV**
Material Number **Drum**	**5077035**
NLGI Consistency	2.5
Colour	Light brown
Soap Type	Lithium
Base Oil (type)	XHVI Mineral
Kinematic Viscosity @ 40°C cSt 100°C cSt (ASTMD 445)	 42 8
Dropping Point °C/°F (ASTM D 566)	180/356
Cone Penetration Unworked @ 25°C 0.1 mm ASTMD 217)	255
Pumpability Long distance	Poor

These characteristics are typical of current production. While future production will conform to Shell specifications, variations in these characteristics may occur.

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