

Shell Stamina EP

Ultimate performance extreme pressure diurea grease

BASE OIL VISCOSITY		NLGI	TEMP RANGE	WATER RESISTANCE	RELATIVE SERVICE LIFE	EP	SOLID LUBRICANTS
40 °C	100 °C	2	-20 °C to +160 °C	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
225 cSt	16 cSt						

Customer Benefits

Cost Savings via

- Reduced grease consumption at high temperatures, as grease resists melting and subsequent leakage, due to the use of the latest diurea thickener technology developed by Shell's "in house" expertise in Japan
- Reduced maintenance costs since lower bearing replacement rates can be achieved, due to the excellent anti wear properties that are available from the latest technology diurea thickened greases.
- Lower total labour costs, due to the extended lubrication intervals & less downtime that results from using the latest in high performance greases
- Avoidance of synthetic products which can have detrimental effects on cages & seals, when high quality mineral oil based products OUTPERFORM in terms of life even fully synthetic Lithium complex greases
- Simplified maintenance programs can be established, resulting from the multi purpose capabilities of this grease and long service lives that are possible,

Peace of Mind via

- Proven new technology (not to be confused with 25 year old American polyurea greases), developed in Japan and now being used by bearing manufacturers throughout the world
- The knowledge that Shell is in FULL control from Research & Development to manufacture & quality assurance in our own ISO approved plants, which have often been audited and passed by quality conscious customers
- Availability of Shell expertise, to assist in safely developing the cost savings available from the wide range of Shell products
- No unexpected Product Health & Safety problems, Shell Stamina EP is free from lead & nitrite & does not require labelling.
- Proven product that has been demonstrated to work in a range of field applications, it benefits from the wide experience gained with Shell Stamina RL.

Convenience via

- Use of the same grease whatever the lubrication mode, as Stamina EP2 is the grease used for the automatic single point lubricator *Shell Tactic EM*.
- Guaranteed suitable lubrication of equipment world-wide, as product is part of the International SeaShell range of products, which can be found throughout the world
- Availability wherever required, Nationally & Internationally (Shell now markets lubricants in more than 100 countries)

Shell, No. 1 in Grease World-wide

Key Industry Sectors & Applications

- General Engineering, Steel, Paper, Aluminium, Chemical and many others

Recommended as an extreme pressure grease for highly loaded ball, roller & plain bearing applications at high temperatures where extended service life is required. Proven in the following applications:

- Hot strip mills
- Paper mill bearings (dry end)
- Electrical motors (large)

Operating Temperature Range

Shell Stamina EP is recommended for use over the temperature range -10°C to 160°C (even upto 180°C with suitable adjustment of re lubrication interval)

Health & Safety

Shell Stamina EP 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 Stamina	EP
NLGI Consistency	2
Colour	Light Brown
Soap Type	Diurea
Base Oil (type)	Mineral
Kinematic Viscosity @ 40°C cSt 100°C cSt (IP 71/ASTM-D445)	220 19
Cone Penetration Worked @ 25°C 0.1 mm (IP 50/ASTM-D217)	280
Dropping Point °C (IP 132)	260
Pumpability Long distance	Fair

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

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