

Shell STAMINA® Grease RLS

Premium quality industrial bearing grease

Shell STAMINA® Grease RLS 2 is a high technology grease designed to give optimum performance for grease lubrication in industrial bearings. It is based on synthetic oil with a special diurea thickener to give long life, low wear and shear-stable properties at high temperatures.

Performance Features

- Outstanding life at high temperatures
- Excellent wear protection
- Excellent mechanical stability at high temperatures
- Excellent oxidation resistance
- Low oil separation
- Excellent corrosion resistance

Provides protection from the elements of corrosion

- Versatile
- Water resistant

Withstands washing with water, preventing loss of protection

- Lead and nitrite free
- For safe handling

Main Applications

Shell STAMINA® Grease RLS is particularly recommended for use in high temperature (up to 180°C), lightly loaded industrial bearings. It is recommended for use where long operational life and extended re-greasing intervals are an important consideration.

Advice on applications not covered in this handbook may be obtained from your Shell representative.

Additional Information

Shell STAMINA® Grease RLS has an excellent high temperature oxidation inhibitor system to ensure that it will withstand high operating temperatures without forming deposits. Shell STAMINA® Grease RLS is formulated with corrosion inhibitors to help protect bearing surfaces even when the grease is contaminated by water.

Operating Temperature Range

Shell STAMINA® Grease RLS 2
-40°C to +180°C (200°C peak)

Handling and Safety Information

For information on the safe handling, storage, or use of this product, refer to its Material Safety Data Sheet at <http://www.epc.shell.com/>. If you are a Shell Distributor, please call 1+800-332-6457 for all of your service needs. All other customers please call 1+800-237-8645 for all of your service needs.

Protect the Environment

Do not discharge into drains, soil, or water.

Typical Physical Characteristics

Shell STAMINA® Grease RLS	2
NLGI Consistency	2
Color	Brown
Soap Type	Polyurea
Base Oil Type	Synthetic
Kinematic Viscosity @ 40 °C cSt @ 100 °C cSt (IP 71/ASTM-D445)	100 13
Cone Penetration Worked @ 25 °C 0.1 mm (IP 50/ASTM-D217)	265-295
Dropping Point °C (IP 132/ASTM-D566-76)	275
FAG FE-9 Test L50 hrs (@ 180 °C)	> 100
Pumpability Long distance	Fair

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