





Shell Albida EP

Top quality, high temperature, extreme pressure multi-purpose grease

BASE OIL VISCOSITY		NLGI	TEMP RANGE	WATER RESISTANCE	RELATIVE SERVICE LIFE	EP	SOLID LUBRICANTS
40°C 220 cSt	100°C 19 cSt	1 & 2	-20°C to +150°C				

Customer Benefits

Cost Savings via

- Reduce grease consumption as grease provides, as a result of the Lithium complex thickener used:
 - no leakage at high temperature (above 120°C)
 - excellent resistance to water washout
 - no softening/leakage under vibrations & mechanical stress
- Lower waste grease disposal costs that results from lower usage
- Lower total labour costs, due to the extended lubrication intervals & less downtime that results from using a specialist, very high performance product
- Avoidance of the use of costly synthetic products, when high quality mineral oil based products offer comparable performance in many areas at a lower unit price

Peace of Mind via

- Availability of Shell expertise, to assist in safely developing the cost savings available from the wide range of Shell products
- No Health & Safety problems, as Shell Albida EP is free from lead & nitrite & does not require labelling (vs EC requirements)
- Proven product that has been demonstrated to work in a wide range of applications (e.g., multi-purpose high temperature grease in cement plants and steel mills).

Convenience via

- Reduction of the number of greases as Shell ALBIDA EP can be used in most of the conditions (water, temperature, load,..).
- 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

Key Industry Sectors & Applications

- Steel, Mining, Cement, Paper, Chemical, General Engineering and many others

Recommended as a multi purpose grease for ball, roller & plain bearing applications at high temperature under the following conditions:

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- Heavy loads
- High levels of vibration
- Water rich environments

Operating Temperature Range

Shell Albida EP is recommended for use over the temperature range -20°C to 150°C

Health & Safety

Shell Albida 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 Albida Grease	EP	EP
NLGI Consistency	1	2
Colour	Dark Brown	Dark Brown
Soap Type	LiC _x	LiC _x
Base Oil (type)	Mineral	Mineral
Kinematic Viscosity @ 40°C cSt 100°C cSt (IP 71/ASTM-D445)	220 19	220 19
Cone Penetration Worked @ 25°C 0.1 mm (IP 50/ASTM-D217)	325	280
Dropping Point °C (IP 132)	260	260
Pumpability Long distance	Good	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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