

Shell Alvania GL 00

Premium multi-purpose gear grease

BASE OIL VISCOSITY		NLGI	TEMP RANGE	WATER RESISTANCE	RELATIVE SERVICE LIFE	EP	SOLID LUBRICANTS
40°C 190 cSt	100°C 15 cSt	00	-30°C to +110°C	✓ ✓	✓ ✓	☺	☹

Customer Benefits

Cost Savings via

- Lower maintenance costs due to prolonged gear protection (especially against corrosion) that is possible when Alvania GL is used, compared to the more conventional sodium greases.
- Reduced grease consumption versus standard lithium greases, due to a very low tendency to leak out of the bearing.

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 Product Health & Safety concerns, Alvania GL00 is free from lead & does not require labelling.
- Shell brand which guarantees professional standards & guaranteed back up whatever the lubrication problem
- Use of a high quality gearbox grease which will not leak out and pollute the environment as gear oils will do.

Key Industry Sectors & Applications

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

Small enclosed gear boxes found throughout Industry operated under medium to high loads. Alvania GL is recommended as an alternative in oil-lubricated gearbox when the shaft is vertical and the risk of leak and contamination is the highest.

Operating Temperature Range

Shell Alvania GL00 is recommended for use over the temperature range -30°C to 110°C

Health & Safety

Shell Alvania GL00 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

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Advice

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

Typical Physical Characteristics

Shell Alvania Grease	GL
NLGI Consistency	00
Colour	Light brown
Soap Type	Lithium
Base Oil (type)	Mineral
Kinematic Viscosity @ 40°C cSt 100°C cSt (IP 71/ASTM-D445)	190 15
Dropping Point°C (IP 322/ASTM-D566-76)	170
Cone Penetration Unworked @ 25°C 0.1 mm (IP 50/ASTM-D217)	410
Pumpability Long distance	Excellent

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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