

Shell Alvania RLQ2

Premium low noise bearing grease



BASE OIL VISCOSITY		NLGI	TEMP RANGE	WATER RESISTANCE	RELATIVE SERVICE LIFE	EP	SOLID LUBRICANTS
40°C	100°C	2	-30°C to +120°C	4 4	4 4	-	-
75 cSt	8.3 cSt						

Customer Benefits

Cost Savings via

- Reduced grease cost versus competitor's "special", low noise greases, but providing silent running behaviour for a majority of industrial conditions and automotive components.
- Reduced bearing production costs due to reduced rejection rates.

• Peace of Mind via

- The knowledge that Alvania RLQ2 is the latest in low noise greases, based upon Shell's experience as the major supplier for this application.
- The assurance that Alvania RLQ2 is made with dedicated equipment, optimised for the production of low noise greases.
- No Product Health & Safety problems, as Shell Alvania RLQ2 is free from lead & does NOT require any labelling when assessed against International HSE.
- Manufacture & quality assurance in our own ISO approved plants. In addition to that our quality conscious customers have audited Shell's major grease manufacturing plants.
- The confidence that can be only be obtained by using the world's best known brand of grease, Shell Alvania

Convenience via

- One supplier for all requirements, reducing the time taken contacting to numerous suppliers and simplifying the way of working.

- Guaranteed availability world-wide, as this product is part of the International SeaShell range of products.

Key Industry Sectors & Applications

- Low noise, factory filled, sealed or prepacked rolling bearings

Lightly loaded plain & rolling element bearings under a wide range of conditions, medium to high speed bearings (electrical motors,...).

Alvania RLQ2 is also suitable in vibrating conditions under moderate load, due to its outstanding resistance to leakage. It offers excellent protection against corrosion in a humid environment. Alvania RLQ2 will also contribute to energy reductions due to reduced friction and starting / running torque's.

Operating Temperature Range

Shell Alvania RLQ2 is recommended for use over the temperature range -30°C to 120°C .

Health & Safety

Based on information available, Alvania RLQ2 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. Prolonged or repeated contact with the skin should be avoided. For further information refer to the appropriate Shell Material Safety Data Sheet.

Handling and storage

Low noise lubricants should be stored separately to minimise risks of contamination. Packages should be closed shortly after use, closed filling lines are recommended.

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Protect the environment

Take used lubricant and empty packs to an authorised collection point. Do not discharge into drains, soil or water.

Advice

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

Typical Physical Characteristics:

Test	Unit	Method	Typical value
Thickener Type			Lithium
NLGI Consistency		ISO 6743-0	2
Appearance		Visual	Homogeneous
Color			Amber
BASE OIL CHARACTERISTICS:			
Kinematic V iscosity @ 400 drgC	mm ² / s	ISO 3014	75,2
Kinematic Viscosity @ 100 dgr Celsius	mm ² / s	ISO 3014	8,3
Dropping Point	dgr Celsius	ISO 2176	195
Cone Penetration unworked at 25°C 0.1 mm		IP 50/ASTM-D217	275
EXTENDED WORKED PENETRATION :			
Delta Penetration after 100,000 strokes	.dmm	ISO 2137	+37
OIL SEPARATION PROPRIETIES:			
Bleeding 18h @ 40 drg Celsius	%wt	IP 121	1,7
Bleeding 7d @ 40 drg Celsius	%wt	IP121	4,7
SHELL ROLL TEST :			
Delta Penetration after 100h / 25 dgr Celsius	.dmm	ASTM D 1831	+126
EXTREME PRESSURE PROPRIETIES :			
Four Ball Test :weld load	Kg	IP 239	180
CORROSION PROPRIETIES :			
Copper Corrosion 24h at 100 dgr Celsius	Rating	DIN 51811	1

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

SEOP OECP/GR

31.05.2000

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