



# SHELL ALVANIA<sup>®</sup> GREASES RL

## Premium quality, multipurpose greases

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### Product Description

**Alvania<sup>®</sup> Greases RL** 1, 2 and 3 are smooth-textured, amber colored lithium soap-thickened greases. These greases are also inhibited with additives that assure long service life and provide excellent lubrication and corrosion protection. Alvania Greases RL are excellent as general plant and electric motor bearing lubricants. **Alvania Greases RL** 1 and 2 are readily pumpable in pressure grease dispensing systems.

Recognizing the trend toward the use of low-noise greases in general plant and electric motor bearing applications, **Alvania Greases RL** are formulated with non-crystalline additives to eliminate the hard particles that can lead to noise. The greases are tested to meet low-noise bearing requirements.

### Applications

- small and large bearings used in electric motors in consumer applications where low noise properties are desired
- factory-fill where the bearing manufacturer requires a low noise grease

Proper grease selection depends upon many factors, including bearing size, speed, temperature, load and method of application (hand gun, centralized systems). The bearing lubrication guide shown below will assist in this selection.

Antifriction Bearing Lubrication Guide		
Operating Temperature, °F	Bearing Speed Factor *	Recommended Alvania <sup>®</sup> RL Grease
-30 to 100	0 to 75,000	1
	75,000 to 150,000	1
	150,000 to 300,000	2
0 to 150	0 to 75,000	2
	75,000 to 150,000	2
	150,000 to 300,000	3
100 to 275	0 to 75,000	2
	75,000 to 150,000	3
	150,000 to 300,000	3

\*The bearing speed factor is the bearing bore measured in millimeters multiplied by the bearing shaft speed measured in revolutions per minute. For the purpose of converting millimeters to inches, one inch equals 25.4 millimeters.

### Features/Benefits

- excellent lubrication
- excellent corrosion protection
- long service life
- readily pumpable in pressure grease dispensing systems (Alvania RL 1 and 2)



**Typical Properties of Shell Alvania Greases RL**

	Test Method	71044	71045	71046
Product Code		71044	71045	71046
NLGI Grade		1	2	3
Appearance	Visual	Amber,	Amber,	Amber,
Base Oil Viscosity:				
@40 °C, cSt	D 445	54	98	98
@100 °C, cSt	D 445	7.1	9.4	9.4
Penetration, dmm	D 217			
Worked, 60X		325	284	240
Worked, 10,000X, % Change		6	7	8
Dropping Point, °F	Mettler	385	385	385
Rust Prevention	D 1743	Pass	Pass	Pass
Copper Corrosion	D 4048	1b	1b	1b
Bomb Oxidation				
Pressure Drop @100 hrs, psi	D942	3	5	5

**Handling & Safety Information**

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet at <http://www.equivashellmsds.com>. For more information and availability, call **1+800-782-7852** or visit the World Wide Web: <http://www.shell-lubricants.com/>.