

ML271 - ML272 LETOPLEX XEP RD GREASES

PRODUCT INFORMATION

Letoplex XEP RD Series are advanced, high quality, Lithium Complex EP greases, enriched with special chemical additives which enhance oxidation resistance, rust and wear protection. They successfully cope with extreme pressures and high temperatures and provide an efficient protection under severe working conditions. They provide excellent adhesion to metal surfaces ensuring that service life is maximised.



Performance Level

ML271 – NLGI Grade 1

- DIN 51502
- DIN 51825 KP1P-30
- ISO 6743/9 L-XCEEB1
- ASTM D-4950 GC/LB

ML272 – NLGI Grade 2

- DIN 51502
- DIN 51825 KP2P-30
- ISO 6743/9 L-XCEEB2
- ASTM D-4950 GC/LB

Typical Applications

- Recommended for use in plain and rolling bearings working under severe conditions at speeds from 500 to 6000 RPM and at temperatures ranging from -30 to +160°C offering exceptional service life and long re-lubrication intervals

Beneficial Qualities

- Effective protection against oxidation, wear and corrosion
- Good stability at long storage periods
- Excellent adhesion properties
- Long service life
- Outstanding operational behaviour at high temperatures [up to +160°C]



Application Methods

Letoplex XEP RD Series can be applied manually, or by using a standard grease gun. As with all greases used for the first time, check compatibility with the grease applied previously and if necessary, purge bearings prior to application.

Do **NOT** over-lubricate bearings; apply the quantity of grease recommended by the bearing manufacturer.

Technical Details

	ASTM Test	ML271	ML272
Soap Base		Lithium Complex	Lithium Complex
Colour		Red	Red
Texture		Smooth	Smooth
NLGI Grade		1	2
Worked Penetration at 25°C, 1/10mm	D-217	310 - 340	265 - 295
Extended WP with 10% distilled water at 25°C, 1/10mm *	D-217	-25 to +45	-25 to +45
Roll Stability at 25°C, 1/10mm *	D-1831	-15 to +45	-15 to +45
Dropping Point, °C	D-2265	265	265
Oil separation, % wt 24 hours	D-1742	1.9	1.6
Four Ball Test WP, kgf min LWI, min	D-2596	400 47	400 36
Leakage Tendencies, g	D-1263	3.9	3.5
Oxidation Stability, pressure drop psi 100 hours, max 200 hours, max	D-942	0.35 0.70	0.35 0.70
Base Oil Viscosity at 40°C, cSt	D-445	220	220
Grease Life, hrs	D-3527	140	145
Operating Temperature, °C		-30 to +160	-30 to +160

Product Manufactured in Greece under an ISO 9001 and ISO 14001 Certified Quality & Environmental Management System

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