



PROTECTOR LITHIUM COMPLEX R3/2 V150

Description

High quality grease, formulated with highly refined mineral oil, thickened with complex lithium soap. It contains antioxidant, anti-corrosive, anti-wear and extreme pressure additives. Especially developed for the lubrication of the bushings of lorry and coach wheels.

- Grease lubricant for all kinds of bearings that work at low, medium or high temperatures.
- Lubrication for all kinds of rolling material boxes, bushings of lorry and coach wheels, electric brakes, train wheel boxes, public works, agricultural machinery, etc.
- Field of application from -20 °C to 140 °C, with temperature peaks up to 200 °C.

Properties

- Very good water resistance.
- Excellent anti-friction properties.
- High wear resistance.
- Excellent rust and corrosion protection.
- Good mechanical stability for high temperature applications.

Quality levels, approvals and recommendations

- CATERPILLAR: MPGL
- DIN: 51825 KP 3/2N-20

Technical specifications

	UNIT	METHOD	VALUE
Colour	Visual		Yellow
Consistency		NLGI	3/2
Type of thickener			Complex lithium
Base oil viscosity at 40 °C	cSt	ASTM D445	130
Penetration, 25 °C, 60 strikes worked	1/10 mm	ASTM D217	245
Penetration, 25 °C, 100.000 strikes worked	1/10 mm	ASTM D217	265
Dropping point	°C	METTLER FP-83HT	290
Copper corrosion		ASTM D4048	1a
4B wear test (1 min/80 kg), scar	mm	IP 239	0.37
EP properties 4B,weld point	kg	IP 239	250
Life performance (160 °C/1000 rpm)	h	ASTM D3527	100
Emcor corrosion test		ASTM D6138	0-0

The above mentioned characteristics are typical values and should not be considered product specifications.