PROTECTOR LITHIUM COMPLEX THERM R2 V680

Description

High quality grease formulated with highly refined mineral oil, thickened with a lithium soap complex and solid additives. Contains antioxidant, anticorrosive, antiwear and extreme pressure additives.

Properties

- Grease with excellent antifriction and antiwear properties, highly water-resistant and with outstanding mechanical stability for high temperature applications
- Lubricant grease for all types of bearings, bushings and mechanisms in general subjected to very heavy loads at slow speeds and oscillating motion, used in earth-moving, civil engineering, mining, quarries, agriculture, etc.
- Suitable for use in the paper and steel industries
- Field of application from -10 ºC to 160 ºC.

Quality levels, approvals and recommendations

- DIN: 51825 KPF 2P-10

Technical specifications

	UNIT	METHOD	VALUE
Colour		Visual	Black
Solid content	%		1
Consistency	NLGI		2
Type of thickener			Complex lithium
Base oil viscosity at 40 °C	cSt	ASTM D445	680
Base oil, flashpoint	ºC	ASTM D92	312
Penetration, 25 °C, 60 strikes worked	1/10 mm	ASTM D217	273
Penetration, 25 °C, 100.000 strikes worked	1/10 mm	ASTM D217	247
Penetration, 25 °C, 100.000 strikes worked with 10% water content	1/10 mm	ASTM D217	253
Dropping point	ºC	METTLER FP-83HT	260
Copper corrosion		ASTM D4048	1a
Shell Roll Test stability (100 h, 66 °C)	Points	INTA 15074 6B	18
Oxidation stability	Kg/cm2	ASTM D942	0.15
4B wear test (1 min/80 kg), scar	mm	IP 239	0.30
4B wear test (1h/40 kg), scar	mm	IP 239	0.40
EP properties 4B,weld point	kg	IP 239	480

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