

## Shieldex MP

### Premium Lithium Based Grease

### Technical Data Sheet

#### Product Description

Rolcer Shieldex MP automotive and industrial grease is a high quality lithium based Multi-Purpose grease, processed from high quality base oils, additives with rust and oxidation inhibitors and anti-wear additives. It prevents welding and seizure of moving parts often caused by shock loading and resists water wash out. It is recommended for heavily loaded anti-friction wheel bearings, universal joints and chassis.

#### Performance Specification

Rolcer Shieldex MP meets or exceeds the following performance requirement:

- NLGI 2 and 3
- IS : 7623 – 1993 (second revision)

#### Features/Benefits

- Ensures extended life of bearings
- Outstanding oxidation and thermal stability
- Imparts excellent rust protection and resistance to corrosion
- Excellent resistance to water wash out
- Non corrosive to steel and copper

#### Typical Properties

Test Parameters	Units	ASTM Method	Typical Values	
			MP2	MP 3
Thickener Base			Lithium	Lithium
Base Oil			Mineral	Mineral
NLGI Consistency			2	3
Operating Temperature	°C		-20 to 130	-20 to 130
Worked Penetration @ 25 <sup>0</sup> C, mm		D217	280	238
Dropping Point	°C	D566	198	198
4 Ball EP Test Weld Point	kgf	D2566	200	200
Water Washout Test, 5 wt Loss @ 80 <sup>0</sup> C		D1264	2.3	2.2
Base Oil Properties	cSt	D445		
Viscosity @ 40 <sup>0</sup> C			150	165
Viscosity @ 100 <sup>0</sup> C			14.8	15.5
Oil Separation	% wt	D1742	1.0	1.0

Properties mentioned above are typical only, and minor variations which do not affect the product performances, are to be expected in normal manufacturing.

### UNIVERSAL PROJECTS FACTORY FOR PETROLEUM PRODUCTS