



## Grease EC

**Special grease for the lubrication of electrical contacts**

### Description

Grease EC is formulated with high chemical and temperature stable synthetic oils which will form a thin, stable and adherent lubricating film onto the contact surfaces in switches and electric mechanisms. It ensures proper electric power circulation and improves the lifetime of the metallic contact surfaces. By applying Grease EC an excellent anticorrosive protection is obtained that prevents salts or surface oxides from interrupting the electric power circulation

and avoids the wear that the corroded metal contact surfaces might provoke.

### Benefits

- Contact improvement of metallic contact surfaces and superior distribution and circulation of electric power
- Wear and breakage reduction
- Longer life of the mechanisms.
- Secures a quick response after long stoppage periods
- No build-up of non-conductive salts or rust

### Typical performance data

	EC 2	EC 3
Colour	Beige	
Thickener	Lithium	
Base oil type	Synthetic	
Base oil viscosity @ 40 °C, cSt	12	12
NLGI class	1/2	3
Penetration @ 25 °C, x 0,1 mm	295-325	220-250
Dropping point, °C	180	180
Oil separation, 18h/40 °C, %	0,50	0,50
Worked penetration 105W, mm	+50	305
Flow pressure @ -40 °C, mbar	700	700
Water resistance, 3h/90 °C	1	1
Oil separation 7d/40 °C, %	5	1,80
Oxidation stability, 100h/100 °C, kg/cm2	0,70	0,70
Evaporation loss, weight, 22hr/100 °C, %	2	2
Service temperatures, °C	-70 – 130	-65 – 130

All performance data on this Technical Data Sheet are indicative only and can vary during production  
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