

EV-FLUIDS COMPLEX SYNTH GREASE

Description

Long-lasting synthetic grease recommended for lubricating bearings, electric motors and other electric vehicle components, with specially developed lubricating and conductivity properties to achieve excellent protection and optimum performance.

Properties

- Grease recommended for lubricating electric vehicle motor bearings.
- Suitable for lifetime lubrication.
- Valid for all weather conditions, and can operate from 50°C to 150°C.
- Its synthetic base provides excellent low temperature pumpability, very low starting and running torque, and low pour point, resulting in excellent cold performance.

Quality levels, approvals and recommendations

- DIN: 51825 KPEHC 2/3N-40

Technical specifications

	UNIT	METHOD	VALUE
Colour	-	Visual	Yellow
Consistency	-	NLGI	2/3
Type of thickener	-	-	complex lithium soap
Base oil viscosity at 40 °C	cSt	ASTM D445	85
Consistency	1/10 mm	ASTM D217	260
Dropping point	°C	METTLER FP-83HT	288
Fluidity pressure at -50°C	mbar	DIN 51805	1150
Oxidation stability (100 h)	PSI	ASTM D942	3
Four-ball machine:			
Wear (1 min/80 Kg)	∅,mm	IP 239	0.45
Soldering load	kg	IP 239	270
FAG FE9	h	DIN 51821-2/A/1500/6000-150, F50	>100
Life Performance a 160°C	h	ASTM D3527	140

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