

COMPLEX SYNTH GREASE



EV-FLUIDS

Greases

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 characteristics

	UNIT	METHOD	VALUE
Colour		Visual	Yellow
Consistency		NLGI	2/3
Thickener type			Complex lithium soap
Base oil, viscosity at 40°C	mm ² /s	ASTM D445	85
Worked penetration at 60 strokes	1/10 mm	ASTM D217	260
Dropping point	°C	METTLER FP-83HT	288
Flow pressure at -50°C	mbar	DIN 51805	1150
Oxidation stability 100 h	psi	ASTM D942	3
4-ball machine:			
Wear (1 min/80 Kg)	∅,mm	IP 239	0.45
Weld point	Kg	IP 239	270
FAG FE9	h	DIN 51821-2/A/1500/6000-150, F50	>100
Life Performance at 160°C	h	ASTM D3527	140

The aforementioned characteristics are standard values and should not be considered product specifications.

A product safety sheet is available upon request.

repsol.com
+34 901 111 999
lubricantes@repsol.com

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