



PRODUCT DATA SHEET

EKOGREASE COMP EP Lithium complex grease products

DESCRIPTION

The EKOGREASE COMP EP product line contains top performance lithium complex-base grease products, enhanced with antioxidants, corrosion inhibitors and extreme pressure (EP) additives. The recommended operating temperature range of EKOGREASE COMP EP products is from -30°C to +160°C, although they can also be used under higher temperatures, by applying more frequent relubrication.

SPECIFICATIONS

DIN 51825 KP00N-30, KP0N-30, KP1N-30, KP2N-30, KP2.5N-30, KP3N-20.

APPLICATIONS

- Thanks to the lithium complex soap they contain, EKOGREASE COMP EP products boast a high dropping point that makes them suitable for high temperature operations.
- They provide long-lasting lubrication and are therefore suitable for automotive and industrial applications with high operating temperatures and heavy loads, as well as working environments containing moisture and mud.

ADVANTAGES

- Excellent adhesion to metal surfaces.
- Great endurance under extreme operating conditions.
- Optimal pumpability even at low temperatures.
- Augmented stability and resistance to shearing.
- Increased resistance to washout by water.
- Wide operating temperature range.



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TYPICAL CHARACTERISTICS

			EKOGREASE COMP			
Properties	Methods	Units	EP 00	EP 0	EP 1	EP 2
Soap Base	-	-	Lithium Complex			
Base Oil	-	-	Mineral oil			
Colour	Visual Inspection	-	Blue			
NLGI	ASTM D217	-	00	0	1	2
Dropping Point	ASTM D 2265	°C	245	260	260	260
Base Oil Viscosity at 40°C	ASTM D 445	cSt	220	220	220	220
Worked Penetration, 60 strokes	ASTM D217	mm ⁻¹	400-430	355-385	310-340	265-295
Four ball test, WP	ASTM D2596	Kgf	315	315	315	315
Four ball test, LWI	ASTM D2596	-	45	45	45	45
Operating Temperature	-	°C	-30°C to +160°C			
			EKOGREASE COMP			
Properties	Methods	Units	EP 2/3		EP 3	
Soap Base	-	-	Lithium Complex			
Base Oil	-	-	Mineral oil			
Colour	Visual Inspection	-	Blue			
NLGI	ASTM D217	-	2.5		3	
Dropping Point	ASTM D 2265	°C	260		260	
Base Oil Viscosity at 40°C	ASTM D 445	cSt	220		220	
Worked Penetration, 60 strokes	ASTM D217	mm ⁻¹	240-270		220-250	
Four ball test, WP	ASTM D2596	Kgf	315		315	
Four ball test, LWI	ASTM D2596	-	45		45	
Operating Temperature	-	°C	-30°C to +160°C			

HEALTH AND SAFETY

Protect the environment while disposing of used product.

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This data sheet provides basic information on the product as at the date of drafting. For further information regarding applications, please contact EKO ABEE Technical Support, tel. + 30 210 5509511. Advice on safe handling is provided in the Safety Data Sheet.