



PRODUCT DATA SHEET



EKOGREASE COMP EP Lithium complex grease products

DESCRIPTION

The EKOGREASE COMP EP product line contains top performance lithium complex 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 equally be used under higher temperatures, provided that relubrication intervals are increased.

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.



PRODUCT DATA SHEET



TYPICAL CHARACTERISTICS

EKOGREASE COMP EP						
Properties	Methods	Units	00	0	1	2
Soap base	-	-	Lithium complex	Lithium complex	Lithium complex	Lithium complex
Base oil	-	-	Mineral oil	Mineral oil	Mineral oil	Mineral oil
Colour	Visual Inspection	-	Blue	Blue	Blue	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
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			

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 and + 30 210 7725418. Advice on safe handling is provided in the Safety Data Sheet.



PRODUCT DATA SHEET



TYPICAL CHARACTERISTICS

EKOGREASE COMP EP				
Properties	Methods	Units	2/3	3
Soap base	-	-	Lithium complex	Lithium complex
Base oil	-	-	Mineral oil	Mineral oil
Colour	Visual Inspection	-	Blue	Blue
Consistency (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
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.

Issue 4, 5 April 2018

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 and + 30 210 7725418. Advice on safe handling is provided in the Safety Data Sheet.