

# 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.

## Typical Characteristics

			EKOGREASE COMP		
Properties	Methods	Units	EP 00	EP 0	EP 1
Soap Base	-	-	Lithium Complex		
Base Oil	-	-	Mineral oil		
Colour	Visual Inspection	-	Red	Blue	
NLGI	ASTM D217	-	00	0	1
Dropping Point	ASTM D2265	°C	245	260	260
Base Oil Viscosity at 40°C	ASTM D445	cSt	220	220	220
Worked Penetration, 60 strokes	ASTM D217	mm <sup>-1</sup>	400-430	355-385	310-340
Four ball test, WP	ASTM D2596	Kgf	315	315	315
Four ball test, LWI	ASTM D2596	-	45	45	45
Operating Temperature	-	°C	-30°C to +160°C		
			EKOGREASE COMP		
Properties	Methods	Units	EP 2	EP 2/3	EP 3
Soap Base	-	-	Lithium Complex		
Base Oil	-	-	Mineral oil		
Colour	Visual Inspection	-	Blue		
NLGI	ASTM D217	-	2	2.5	3
Dropping Point	ASTM D2265	°C	260	260	260
Base Oil Viscosity at 40°C	ASTM D445	cSt	220	220	220
Worked Penetration, 60 strokes	ASTM D217	mm <sup>-1</sup>	265-295	240-270	220-250
Four ball test, WP	ASTM D2596	Kgf	315	315	315
Four ball test, LWI	ASTM D2596	-	45	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.