



TECHNICAL SPECIFICATIONS



EKOGREASE COMP EP Multipurpose lithium complex greases

DESCRIPTION-APPLICATIONS

EKOGREASE COMP EP series is a range of premium, lithium complex thickened greases based on mineral oils. These greases are developed to provide excellent high temperature performance with outstanding adhesion to metal surfaces, mechanical stability and water wash-out resistance.

EKOGREASE COMP EP range is the right choice for applications where operating conditions are severe including high temperatures, water contamination potential, heavy and shock loads and extended re-lubrication intervals. The recommended operating temperature range for these greases is from -30°C up to +160°C, but they can also be used at higher temperatures with more frequent re-lubrication

SPECIFICATIONS

DIN 51825 KP1R-30, KP2R-30, KP2/3R-30, KP3R-30

APPLICATIONS

EKOGREASE COMP EP grades are suitable for long-term lubrication in many industrial and automotive applications including industrial and automotive bearings, chassis components and universal joints in passenger cars, light trucks and off-road equipment and also for marine, mining, paper mill and sugar mill applications.

They are particularly suitable for use in wheel bearings, where the adhesive and water resistant properties provide excellent protection.

BENEFITS

- Excellent high temperature performance and water wash-out resistance.
- Superior mechanical stability and adhesion to metal surfaces.
- Very good anti-wear and EP properties.
- Excellent rust and corrosion resistance.

The information provided from this data sheet is accurate as of the date printing. For more information/ clarifications, please contact EKO ABEE Technical Support.

Tel. + 30 210 5509 511 and +30 210 7725 418.

For recommendations on safe handling and use of this product, please refer to Safety Data Sheet.



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TYPICAL PROPERTIES

Property	Method	Unit	EKOGREASE COMP EP 1	EKOGREASE COMP EP 2	EKOGREASE COMP EP 2/3	EKOGREASE COMP EP 3
NLGI Grade			1	2	2/3	3
Color	Visual	-	Blue	Blue	Blue	Blue
Base fluid viscosity @ 40°C	ASTM D 445	cSt	220	220	220	220
Dropping point	ASTM D 566	°C	>260	>260	>260	>260
Worked Penetration (60strokes), @ 25° C	ASTM D 217	mm-1	310-340	265-295	250-265	220-250
Worked penetration, (100.000 strokes), 10% water	DIN 51804	mm-1	<60	<60	<60	
Bomb oxidation, after 100 hours, pressure drop	ASTM D 942	psi	max 5	max 5	max 5	max 5
Oil Separation %	ASTM D 1742	%	max 5	max 5	max 5	max 5
Roll Stability	ASTM D1831	mm-1	-25 to +60	-25 to +60	-25 to +60	-25 to +60

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Water Washout %	ASTM D 1264	%	max 10	max 10	max 10	max 10
TIMKEN OK load test	ASTM D 2509	lbs	75	75	75	75
4 ball wear test	ASTM D 2266	mm	0,60	0,60	0,60	0,60
4 ball weld point test kg/f	ASTM D 2596	-	min 28	min 28	min 28	min 28
Rust Protection	ASTM D 1743	-	pass	pass	pass	pass

HYGIENE AND SAFETY

Used lubricants must be collected in an authorized collection area. They must not be mixed with solvents, water, brake fluids and antifreeze. Do not dispose into drains, soil or water.

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June 2015