

Product information

No. 66260000

KAJO-BIO-Longlife Grease LZR 2

EU Ecolabel Nr. DE/027/039



KAJO-BIO-Longlife grease LZR 2 is a special grease, saponified with lithium. It is awarded with the Ecolabel of the European Community, register-no. DE/027/039. This regulation specifies technical requirements as well as the percentage of renewable raw materials.

Practical advantages:

KAJO-BIO-Longlife Grease LZR 2 is very suitable for all lubrication areas at mobile and stationary aggregates. As it is easily biodegradable, the product can be used in all sensitive environments. Due to the strong adhesiveness of the basic oils on metal surfaces as well as due to the selected additives, this grease shows an extensive corrosion protection and an excellent water resistance.

KAJO-BIO-Longlife Grease LZR 2 can be used universally as long-life lubricating grease. It is especially recommended for lubrication areas,

where there may be a discharge into environment, e.g. with nipple lubrication as well as open lubricating areas. This grease is suitable for the, construction industry, at lock gates, bridges, interlocking machines and similar applications close to water.

KAJO-BIO-Longlife Grease LZR 2 has been tested by the KWF at harvesters, forwarders, crawlers, caterpillars and low-loaders and proved to be convincing.

Version 1

Date: 30.07.2015 DR/MJ/Pos/AO

- All ratings are average values and are subject to production-related variations. -

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Typical ratings:

Characteristics	Value	Unit	DIN / ISO
NLGI class	2		DIN 51 818
Worked penetration (Pw60)	265-285	0,1 mm	ASTM D 217
Dropping point	>200	°C	ASTM D 556
Base oil viscosity at 40 °C (synthetic ester)	320	mm ²	DIN EN ISO 3104
Water resistance	1-90		DIN 51 807-1
EMCOR dest. water	0-0		DIN 51 802
EMCOR sea water	0 -0		DIN 51 802
Water spray off	<30	%	ASTM D 4049
Copper corrosion	1b	corrosion degree	DIN 51 811
VKA O.K.-load	3000	N	DIN 51 350-4
VKA welding load	3200	N	DIN 51 350-4
VKA 150N/1h	0,53	mm	DIN 51 350-5
Operating temperature reange	-30 to +120	°C	DIN 51 825
Viscosity index	185	°C	DIN ISO 2909
Flow pressure Kesternich -30 °C	625	mbar	DIN 51805
Designation	KPE 2 K-30		DIN 51 502
Part of renewable raw materials	77	%	ASTM D 6866 Radio Carbon Method C ¹⁴

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