



Aral Aralub MKA 2

High temperature multi-purpose EP grease

Applications:

Aral Aralub MKA 2 is for the lubrication of roller and plain bearings as well as sliding surfaces in an operating temperature range from -25 °C to 180 °C (short-term up to 210 °C), with heavy loads and at all speeds permissible for grease lubrication. This product reduces friction, wear and maintains lubrication performance in high temperatures with heavy loads, as well gives protection from corrosion and contaminates. A selective additive combination gives this aluminum complex grease, good corrosion protection properties, good ageing stability and has outstanding EP properties at high temperatures. Relubrication intervals and quantity of are to be chosen in accordance to the operating conditions. This grease contains no solid lubricant parts and has a good pumpability in central lubrication systems.

Aral has successfully submitted this product to the strict requirements of the high-quality standard DIN EN ISO 9001. This certification gives you an additional safety assurance with this products quality and the service that can be expected from Aral.

Operational area:

Possible applications for Aral Aralub MKA 2 are circular vibratory screens, tar mixing machines, hot air fans, conveyors systems exposed to strong thermal radiation, sintering bath systems, casting ovens, converters, casting pans, clutch thrust bearings and many other applications.

Technical Data

Thickener			aluminium complex soap
Dropping point	°C	DIN ISO 2176	>250
NLGI-grades		DIN 51818	2
Penetration			
Worked penetration	0,1 mm	DIN ISO 2137	265 - 295
after 5,000 DS	0,1 mm	DIN ISO 2137	<20
after 100,000 DS	0,1 mm	DIN ISO 2137	<40
Service temperature range	°C		-25/180 short term +210
Code designation		DIN 51502	KP 2 R -20
Timken-Test			
Load	lbs.	DIN 51434- 3	45
Wear	mg	DIN 51434- 3	<5
Water stability (static)	Stufe	DIN 51807-1	0 - 90
Corrosion test on Copper	Korr. Grad	DIN 51811	1 - 100
Corrosion test Emcor	Korr. Grad	DIN 51802 / ISO 11007	0 and 0
Baseoil			
Notation			mineral oil
Viscosity at 40 °C	mm ² /s	DIN 51562	240
Viscosity at 100 °C	mm ² /s	DIN 51562	19

Remarks:

All data is subject to development for the product and the production process.

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