



Aral Aralub 4320

High performance heavy-duty grease

Applications:

Aral Aralub 4320 is a high performance grease with special EP properties and solid lubricants (graphite). The high base oil viscosity, paired with a stable soap structure, even under water contact, yields a particular suitability for heavy-duty slow running bearings with shock loads. This high performance heavy duty grease has excellent emergency run properties because of its solid lubricant additions.

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:

Aral Aralub 4320 is for the lubrication of roller and plain bearing in an operating temperature range from -30 °C to +140 °C. This product was formulated for heavy to the heaviest loads, especially with slow running shock loaded bearing applications. It as well reduces friction and wear, has a good corrosion protection and maintains lubrication performance even with strong water contact.

Technical Data

Colour			Black
Thickener			Lithium-hydroxy stearate
Dropping point	°C	DIN ISO 2176	>190
NLGI-grades		DIN 51818	2
Penetration			
Worked penetration	0,1 mm	DIN ISO 2137	265 - 295
after 100,000 DS	0,1 mm	DIN ISO 2137	<20
Water resistance		DIN 51807-1	1 - 90
Service temperature range	°C		-30 / +140
Code designation		DIN 51502	KPF 2 N -30
Content of solid foreign matter	mg/kg	DIN 51813	</=2
Oil separation	%	DIN 51817 N	<5
Four ball test Welding load	N	DIN 51350-4	3600
Flowpressure at -30 °C	mbar	DIN 51805	<1400
Corrosion test on Copper	Korr. Grad	DIN 51811	1 - 100
Corrosion test Emcor	Korr. Grad	DIN 51802 / ISO 11007	0 and 0
Baseoil			
Notation			part synthetic
Viscosity at 40 °C	mm ² /s	DIN 51562	800
Viscosity at 100 °C	mm ² /s	DIN 51562	59

Remarks:

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

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