



Description

Aral Aralubs HLP 2 is for the lubrication of roller and plain bearings, as well as sliding surfaces in an operating temperature range from -30 °C to 120 °C (short-term at 140 °C), with elevated loads at all speeds permissible with grease lubrication. Application is for the reduction of friction and wear, support of seals and providing protection from corrosion.

Application

Aralubs HLP 2 is an universal EP (Extreme Pressure) grease for all industrial areas, and exceeds the requirements of grease type KP 2 K in accordance with DIN 51 825. A reliable corrosion protection, a high aging resistance and an outstanding wearing protection are achieved by a selected active substance combination. This product has a good pumpability in central lubrication systems with standard tube diameters. This lubricating grease contains no solid lubricant additives.

Typical Characteristics

Name	Method	Units	Aralube HLP 2
Colour	Visual / ASTM D1500	-	light brown
Thickener	-	-	Lithium soap
NLGI-grades	DIN 51818	-	2
Baseoil Notation	-	-	Mineral Oil
Kinematic Viscosity @ 40°C / 104°F	ASTM D445 / ISO 3104	mm²/s	100
Kinematic Viscosity @ 100°C / 212°F	ASTM D445 / ISO 3104	mm²/s	ca. 9
Dropping Point	ISO 2176	°C	195
Worked penetration	ISO 2137	0,1 mm	265 - 295
Oil separation	DIN 51817 N	%	< 5
Copper corrosion (3 hrs@100°C/212°F)	ASTM D130 / ISO 2160	Rating	1 - 100
Rust test - Emco	ASTM D6138 / ISO 11007	Rating	0 and 0
Four Ball Wear test - Weld Load	DIN 51350-2	N	2200
Oxidations stability			
Pressure drop after 100 hrs.	DIN 51808	hpa	<500
FAG FE 9 A/1500/6000/120	DIN 51821-2	h	140
Water stability (static)	DIN 51807-1	Stufe	1 - 90
Service temperature range	-	°C	-30 / +120 short term +140
Code designation	DIN 51502	-	KP 2 K -30

Subject to usual manufacturing tolerances.

Aralub™ HLP 2

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