



Aral Aralub MKA Z 1

Adhesive lubricant for open gearings

Applications:

Aral Aralubs MKA Z 1 is a sprayable adhesive lubricant for the safe operation of large open gear drives. This product decreases friction and wear in mixed friction areas. It also has outstanding corrosion protection properties and effectively absorbs vibrations.

Specially selected Ep additives together with a combination of solid lubricants, allows high pressure loads at high circumferential speeds. Aral Aralubs MKA Z 1 for example can be used on open gear drives in cement pipe mills. The high base oil viscosity makes safe operation possible with unfavorable dynamic or thermal bearing on the tooth flanks.

Aral Aralubs MKA Z 1 is applied preferably with a grease spraying system, however is universally applicable. Corresponding spray test certificates can be furnished upon request.

The product is free from bitumens and solvents.

Technical Data

Thickener			Al-Compl.
Worked penetration	0,1 mm	DIN ISO 2137	380 - 410
Water resistance		DIN 51807-1	1-90
Service temperature range	°C		-10 °C/+180 °C
Code designation		DIN 51502	OGPF0R -25
Timken-Test			
Load	lbs.	DIN 51434- 3	50
Wear	mg	DIN 51434- 3	<5
Four ball test Welding load	N	DIN 51350-4	8000
FZG test			
A/2,8/50	SKS	DIN 51354-2	12
specific wear	g/kWh	DIN 51354-2	<0,2
Corrosion test Emcor	Korr. Grad	DIN 51802 / ISO 11007	0-0
Baseoil			
Notation			Mineralöl
Viscosity at 40 °C	mm ² /s	DIN 51562	1050
Viscosity at 100 °C	mm ² /s	DIN 51562	43

Remarks:

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

Version-No.: IS0002