

# Aral Degol BG 320

## Gear oil type CLP

### Applications:

Aral Degol BG 320 is a zinc free, CLP type gear oil that fulfils the requirements of DIN 51517-3 with a large margin of reserve. Aral Degol BG 320 offers an excellent wearing protection, a high amount of safety against scuffing, outstanding aging resistance and a high thermal endurance. In addition, this product behaves neutral towards conventional seals and bearing metals. The high corrosion protection, minimal foaming tendency and the good demulsibility are special characteristics to be emphasized.

### Operational area:

Aral Degol BG 320 is a gear oil that offers an optimal running time for gears of all types operating under difficult conditions, and is for the safe running-in of new gears. Aral Degol BG 320 has a release recommendation through the VDEh in accordance with SEB-No. 181226 and the FE 8- approval of the FAG Co.

### Technical Data

Colour		DIN ISO 2049	L 3,5
Density at 15 °C	g/ml	DIN 51757	0,896
Viscosity Index		DIN ISO 2909	97
Viscosity			
40 °C	mm <sup>2</sup> /s	DIN 51562	320
100 °C	mm <sup>2</sup> /s	DIN 51562	24,4
Flash point COC	°C	DIN ISO 2592	298
Pourpoint	°C	DIN ISO 3016	-9
Neutralization number	mg KOH/g	DIN 51558-1	0,3
Oxide ash	Gew. %	DIN EN ISO 6245	<0,1
Ageing characteristics			
Tost test			
Increase n.n. after 1000 h	mgKOH/g	DIN 51587	0,24
Corrosiveness			
on steel	Korr. Grad.	DIN ISO 7120	0-A/1-B
on steel	Korr. Grad.	DIN 51355	0-B
on copper	Korr. Grad.	DIN EN ISO 2160	1-125 A3
FZG test			
A/8,3/90	SKS	DIN 51354-2	> 14
A/16,6/140	SKS	DIN 51354-2	>=12
Mechanical-dynamic testing in the roller bearing test apparatus FE8: D 7,5/80-80			
Rolling element wear	mg	DIN 51819-3	<5
Cage wear	mg	DIN 51819-3	<10

### Remarks:

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

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