

A synthetic lubricant (PAO based) suitable for agro-food industries.

PERFORMANCES

NSF-H1 registration:

- Grade 68 : 148814
- Grade 100 : 148815
- Grade 150 : 148816
- Grade 220 : 148817
- Grade 320 : 148818
- Grade 460 : 148819

ADVANTAGES

The anti-wear and extreme pressure properties of GEARAL XS provide optimum lubrication of gear sets and gearboxes in the agro-food industry.

- Excellent shear resistance
- Very high load capacity
- Improved anti-oxidant, anti-wear and anti-rust properties.
- Does not affect seals
- Colourless, odourless and tasteless.

USES

Gear lubrication in the agro-food industry.

- High-load gears situated close to foodstuffs of all kinds.
- Reduction gearboxes.

Characteristics	Units	Standards	Values		
Grade	-	-	68	100	150
Colour	-	-	Colourless	Colourless	Colourless
Denisty at 15°C	kg/m ³	NF T 60-101	834	837	838
Kinematic viscosity at 40°C	mm ² /s	NF T 60-100	68.4	101.60	152.3
Viscosity index	-	NF T 60-136	150	152	148
Pour point	°C	NF T 60-105	<-40	<-40	-38
FZG	Palier	DIN 51354	>12	>12	>12
Copper corrosion (3h – 100°C)	-	ASTM D 130	1a	1a	1a
Welding load 4-ball test	Kgf	ASTM D2783	160	160	160
Rust protection, procedures A and B	-	ASTM D665	Pass	Pass	Pass

Characteristics	Units	Standards	Values		
			220	320	460
Grade	-	-	220	320	460
Colour	-	-	Colourless	Colourless	Colourless
Denisty at 15°C	kg/m ³	NF T 60-101	840	845	847
Kinematic viscosity at 40°C	mm ² /s	NF T 60-100	225.6	327.4	463.9
Viscosity index	-	NF T 60-136	151	149	150
Pour point	°C	NF T 60-105	-37	-32	-30
FZG	Palier	DIN 51354	>12	>12	>12
Copper corrosion (3h – 100°C)	-	ASTM D 130	1a	1a	1a
Welding load 4-ball test	Kgf	ASTM D2783	160	160	160
Rust protection, procedures A and B	-	ASTM D665	Pass	Pass	Pass

Characteristics are given for information only and correspond with our manufacturing standards. IGOL reserves the right to modify them to provide its customers with the benefits of technical progress. Before using this product read the instructions for use and the environmental impacts mentioned in the technical and safety data sheets. The information given above is based on the current level of knowledge relative to the product concerned. The product user should take all useful precautions relative to its use. IGOL can in no circumstances be held responsible for damage resulting from incorrect use.

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