

Semi-synthetic (PAO-based) lubricants especially suited to the farming and food production sectors.

PERFORMANCES

NSF-H1- Registration N° 145738 (grade 32)
 NSF-H1- Registration N°145739 (grade 46)
 NSF-H1- Registration N°145740 (grade 68)
 NSF-H1- Registration N°145741 (grade 100)
 NSF-H1- Registration N°145742 (grade 150)
 NSF-H1- Registration N° 145743 (grade 220)
 NSF-H1- Registration N°145744 (grade 320)
 NSF-H1- Registration N° 145888 (grade 460)

ADVANTAGES

- Synthetic fluids with excellent anti-wear, extreme-pressure and anti-corrosion properties.
- Impressive thermal stability, high demulsibility and ability to remove air, good compatibility with seals and elastomers - these are the characteristics necessary for multi-purpose fluids which can be used in all high-demand industrial activities.
- Compared with traditional mineral oils, SYNTHAL extends the interval between oil changes without compromising the protection of the mechanical components.

USES

- Speed-reduction gearing: ISO VG 46 to 460 grades meet CLP-class requirements
- Hydraulic: ISO VG 32 to 100 grades meet HLP-class requirements
- Compressors: ISO VG 32 to 150 grades meet VDL-class requirements.

Characteristics	Units	Standards	Values			
			32	46	68	100
Grade	-	-	32	46	68	100
Colour	-	-	clear	clear	clear	clear
Density at 15°C	Kg/m ³	NF T 60-101	830	832	834	837
Kinematic viscosity at 40 °C	mm ² /s	NF T 60-100	32,2	46,5	68,4	101,6
Pour point	°C	NFT 60-105	<-40	<-40	<-40	<-40

Technical data sheet

Characteristics	Units	Standards	Values			
			150	220	320	460
Grade	-	-	150	220	320	460
Colour	-	-	clear	clear	clear	clear
Density at 15°C	Kg/m3	NF T 60-101	838	840	845	847
Kinematic viscosity at 40 °C	mm ² /s	NF T 60-100	152.3	225.6	327.4	463.9
Pour point	°C	NFT 60-105	-38	-37	-32	-30

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.

Document ref. : VIII-117-1603
Date of publication : 17/07/2017

Technical data sheet