

PAO-based synthetic lubricants for gearings.

PERFORMANCES

Specification: Responds to CLP requirements for gearings.
 DIN 51517 Part 3
 ISO 12925-1 CKD
 Cincinnati EP Gear Oil
 ISO 6743/6 CKT

ADVANTAGES

Oils with reinforced properties particularly in terms of thermal stability and extreme pressure. Properties used in mechanisms where load stresses are important and which work at high temperatures.

Oils with high viscosity index and low flow point. They contain extreme pressure (P/S), anti-foam, anti-wear, anti-corrosion and anti-oxidising additives.

SYNAROK SYNTH oils are characterised by a great thermal stability and a good resistance to oxidation. They also have quick de-aeration and emulsion inhibiting rates. All these performances allow optimising the service life of oil baths for a better productivity.

USES

Lubrication of all types of gearings (spur, bevel, hypoid, worm gears) submitted to difficult usage conditions, lubrication of roller chains working under atmospheres at high or low temperature.

Characteristics	Units	Standards	Values		
			68	100	150
Density at 15°C	kg/m ³	NF T 60-101	835	836	841
V.C Flash point	°C	NF T 60-118	220	232	238
Pour point	°C	NF T 60-105	<-30	<-30	<-30
Kinematic viscosity at 40°C	mm ² /s	NF T 60-100	68.5	102	143.2
Viscosity index	-	NF T 60-136	155	160	162

Characteristics	Units	Standards	Values			
			220	320	460	680
Density at 15°C	kg/m ³	NF T 60-101	845	846	849	853
V.C Flash point	°C	NF T 60-118	240	242	256	262
Pour point	°C	NF T 60-105	<-30	-30	-27	-24
Kinematic viscosity at 40°C	mm ² /s	NF T 60-100	220	319	460	678
Viscosity index	-	NF T 60-136	162	162	163	166

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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Technical data sheet