

Petsyn PAO-6

Isoparaffinic Polyalphaolefin

Description

Petsyn PAO-6 is a highly branched isoparaffinic polyalphaolefin, it can be used in many industrial and automotive lubricant applications. Compared to mineral oils, PAOs offer greater oxidative stability, superior volatility, excellent low-temperature viscosities, as well as an extremely high viscosity index and an excellent pour point.

Application

- Petsyn PAO-6 may be used in various industrial and automotive lubricant applications, including in compressor oils, engine oils, gear oils, greases, hydraulic fluids, and other functional fluids.

Typical Properties

Property	Min.	Max.
Appearance	Clear and Bright liquid	
Odour	Odourless	
K.V. @ 100°C (cSt, mm ² /s)	5.65	6.0
K.V. @ -40°C (cSt, mm ² /s)	-	8200
Viscosity Index	130	-
Pour Point (°C)	-	-60
Flash Point (COC, °C)	230	-
Volatility (Noack, wpct)	-	8.0
Density@15°C (kg/m ³)	820	845
Bromine Index (mg Br/100g)	-	400
Water content (ppm)	-	25

Storage and Handling

In the storage, loading/unloading and handling: The maximum recommended temperature is 65°C. Consult the SDS for specific information.

The information contained within this publication is based on the present state of our knowledge. Any recommendations or conclusions are made without liability on our part. Values shown are typical and should not be construed as specification limits.