

Petsyn PAO-8 Isoparaffinic Polyalphaolefin

Description

Petsyn PAO-8 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-8 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	Typical
Appearance	Clear and bright liquid
Odour	No Foreign Odour
K. Viscosity @ 100°C (cSt)	7.85
K. Viscosity @ 40°C (cSt)	46.5
K. Viscosity @ -40°C (cSt)	19,000
Viscosity Index	137
Pour Point (°C)	-55
Flash Point (COC, °C)	260
Fire Point (COC, °C)	290
Volatility (Noack, %m)	3.5
Sp. Gravity @15.6°C	0.83
Density (lbs/gal)	0.7
Acid Number (mgKOH/g)	<0.03
Bromine Index	<200

Storage and Handling

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