

BASE OIL (GRP IV) PAO 8CST

Polyalphaolefin 8 (PAO 8) serves as a Group IV Base Oil and viscosity builders for a wide range of industrial lubricant products. Applications for PAO 8 Base Oil include both automotive and industrial gear oils, bearing lubricants, transmission fluids, turbine oils, compressor oils, circulating oils, hydraulic oils, grease, and other synthetic lubricant oils. PAO 8 gives superior performance in high temperature protection and low temperature fluidity with a high viscosity index (VI). It also has excellent shear stability, low volatility, and excellent resistance to oxidation. These properties make PAO 8 well suited for applications that are subjected to extreme operating conditions, such as cold weather start-ups or high operating temperatures. PAO 8 is colorless, odorless, non-toxic and non-corrosive and do not contain sulfur, nitrogen, or aromatics. PAO 8 can be blended with other synthetic Base Oil and are compatible with synthetic esters and alkylated naphthalene.

Appearance

Clear Liquid

CAS NUMBER

68037-01-4

Quality Data

Parameter	Method	Unit	Typical Result
Color	ASTM D1500	-	Max 0.5
Density @ 15°C	ASTM D1298	Kg/L	0.800 - 0.840
Viscosity @ 40°C	ASTM D445	cSt	48
Viscosity @ 100°C	ASTM D445	cSt	8
Viscosity Index	ASTM D2270	-	139
Flash Point	ASTM D93	°C	260
Pour Point	ASTM D97	°C	- 48
Water Content	ASTM D95	% Vol	< 0.01
Ash Content	ASTM D482	% (m/m)	< 0.01
Sulphur Content	ASTM D4294	% (m/m)	< 0.01

For Health & Safety information refer to the most current version of the product MSDS

The data contained herein is believed to be accurate at the time of distribution. However, **Techinergy** does not assume any legal liability whatsoever for the accuracy or completeness of the information contained herein. Users should undertake sufficient verification and testing to determine the suitability of this product for their own purposes.