

BASE OIL (GRP IV) PAO 10CST

Polyalphaolefin 10 (PAO 10) serves as a Group IV Base Oil and viscosity builders for a wide range of industrial lubricant products. Applications for PAO 10 base stocks 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 10 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 10 well suited for applications that are subjected to extreme operating conditions, such as cold weather start-ups or high operating temperatures. PAO 10 is colorless, odorless, non-toxic and non-corrosive and do not contain sulfur, nitrogen, or aromatics. PAO 10 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	66
Viscosity @ 100°C	ASTM D445	cSt	10
Viscosity Index	ASTM D2270	-	137
Flash Point	ASTM D93	°C	266
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

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