



Octopol PAO-100

CHEMICAL NAME: Polyalphaolefin, CAS # 68037-01-4

PHYSICAL FORM: Liquid

TYPICAL PROPERTIES*

METHOD

Viscosity @ 40°C, cSt	1250	ASTM D445
Viscosity @ 100°C, cSt	100	
Viscosity @ 100°F, SUS	50.0	
Viscosity @ 210°F, SUS	29.0	
Viscosity Index	168	ASTM D2270
Density, lb/gal, 60°F	7.13	ASTM D4052
Pour Point °F (°C)	-4 (-20)	ASTM D97
Flash Point, C.O.C., °F (°C)	550 (288)	ASTM D92
Fire Point, C.O.C., °F (°C)	608 (320)	ASTM D92
Specific Gravity	0.856	ASTM D4052

*These values are not intended for use in preparing specifications.

PRODUCT DESCRIPTION:

Octopol PAO-100 is a custom-blended polyalphaolefin (PAO) synthetic hydrocarbon fluid giving improved lubrication at high and low temperatures, reduced volatility, good chemical inertness and hydrolytic stability, and compatibility with mineral oils and equipment designed for use with mineral oils.

Octopol PAO-100 is useful where high viscosity, excellent viscosity index, and shear stability are required. This fluid has been used in a wide variety of applications such as seals, refrigeration, heat transfer fluids, and as a thickener for mineral oils and other synthetics.

STORAGE AND HANDLING:

It is recommended that product stored in a warehouse be used on a first-in, first-out basis. Containers should be kept tightly closed. Avoid contact with skin and eyes. Use with adequate ventilation. Make sure the part drum is used quickly and that all stock is rotated on a first-in, first-out basis. Shelf life expected two years from date of manufacture provided the material is stored at proper temperatures and containers remain tightly closed. Store at 40 – 90 deg. F.
05/15;09/12;03/12;12/08

The information provided herein is believed to be reliable; however, no guarantees are made or liability assumed. Tiarco Chemical makes no claims or warranties concerning the suitability of the product for a particular use or purpose.