SHAMROCK

Technical Data

nanoFLON PAO30 — Slip / Abrasion Resistance

Product Description

nanoFLON PAO 30 is a stable, 30% dispersion of premium grade, submicron polytetrafluoroethylene (PTFE). The PTFE has an average particle size of approximately 0.7 microns. The dispersion medium is a poly-alpha-olefin, a highly stable lubricant with excellent high and low temperature properties.

Applications / Benefits

nanoFLON PAO 30 is a multifunctional additive providing extreme pressure, anti-wear and low friction properties to automotive and industrial lubricants. nanoFLON PAO 30 is an easy-to-handle liquid that is specially designed to be dispersed in poly-alpha-olefin. (Formulators should confirm system compatibility.) The submicron PTFE makes it ideal for use in extreme-pressure, anti-wear and low friction lubricants under high or low temperatures.
Applications may include:
-Gear oil
-Chain oil
-Penetrating oil
- Additive for engine oil
-Metal Forming Fluid / Paste
-Railroad lubricant
-Grease
-CV Joint Grease

Recommended Level

0.5-3.0% (+) TFW depending on the final characteristic targets.

Typical Properties	Method	Typical Values	Units
- Appearance:	Visual	**White liquid dispersion**	
- Particle Size Mean Value:	QSOP* 155 -Laser Diffraction	**0.4 - 0.8**	µm
- % Active Ingredients:		**30**	%
- Carrier:		**Poly-alpha-olefin**	
- Vehicle Flash Pt / Pour Pt		**254 / -54**	°C

Regulatory Status

All components of this product are listed on the TSCA (USA) and AICS (Australia) chemical products inventory.

Shipping and Handling

Call Shamrock Customer Service at (973) 242 2999.

Safety

Please read Material Safety Data Sheet (MSDS) before using.

** QSOP represents Shamrock's Quality Standard Operating Procedure*

Shamrock Technologies, Inc.
Foot Of Pacific Street,
Newark, New Jersey 07114
Phone: (973) 242 2999
Fax: (973) 242 8074