

# **TRIBOLUBE<sup>®</sup> F-189**

## **Synthetic Polyalphaolifin Lubricant**

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### **CHARACTERISTICS**

**TRIBOLUBE F-189** is a synthetic lubricating oil exhibiting excellent low volatility, low wear and pour point, high flash and fire points, excellent thermal and oxidation stability. Tribolube F-189 is NSF, H-1 approved for incidental food contact and is listed in the NSF White Book, registration no. 132422.

### **APPLICATIONS**

**Tribolube F-189** has been used successfully as a Dental Hand-Piece Lubricating Oil and is compatible with most elastomeric seal materials.

PERFORMANCE TEST	TEST METHOD	CONDITION	TYPICAL VALUES
Specific Gravity	ASTM-D-1298	@ 15.6 °C	0.827±0.05g/cc
Viscosity index	ASTM-D-2270		135
Pour point	ASTM-D-97		-67 °C
Kinematic viscosity	ASTM-D-445	@ 149 °C	2.59 cSt
		@ 100 °C	5.85 cSt
		@ 40 °C	30.9 cSt
		@ 0 °C	214 cSt
		@ -40 °C	8,190 cSt
Bromine number	ASTM D-1159 Modified		0.3 %
Moisture	ASTM D-1744	ppm	13
Flash point	ASTM D-92	° C	235
Fire point	ASTM D-92	° C	266
Autoignition temperature	ASTM D-2155	° C	371
Total acid number	ASTM D-974		<0.01
4-Ball Wear	ASTM D-4172		0.37

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