

Texalene™ 6467

friction modifier for lubricants

organic, ashless synthetic ester

product information

Texalene 6467 is a viscous amber liquid polymer derived from synthetic olefins

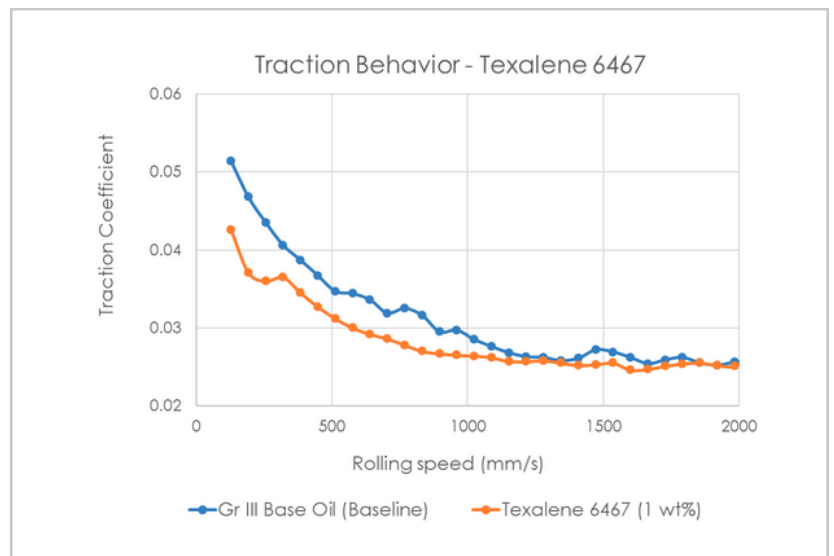
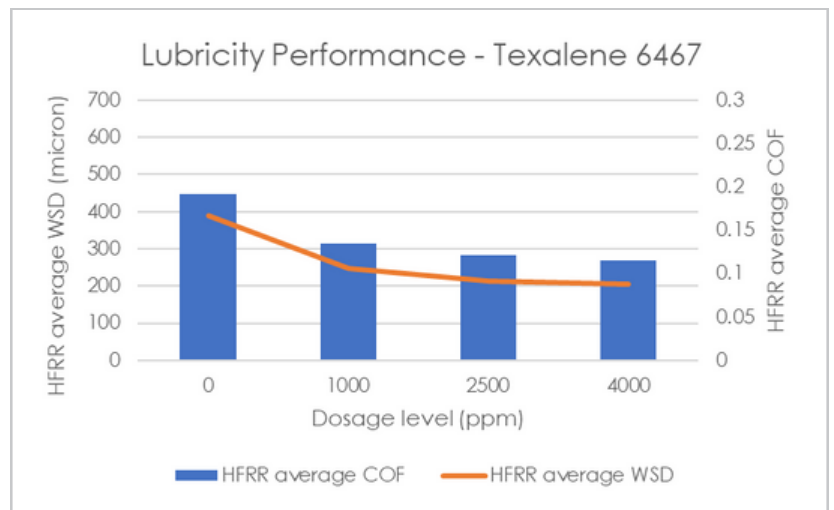
application background

Texalene 6467 is an ashless polymeric ester technology that is known to provide friction reducing properties and some corrosion protection in lubricant applications.

Organic Friction Modifiers (OFMs) provide some anti-wear protection offering an alternative to metal-containing friction modification technologies. They can be used to substantially lower the total amount of zinc in the lubricant formulation.

performance benefits

- proven high frequency reciprocating rig (HFRR) performance
- compatible with commonly used base oils and lubricant additives
- demonstrates strong corrosion protection
- good electrical and thermal properties
- low sulfur content (<15 ppm)



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typical characteristics

Appearance	viscous amber liquid
Color (Garner Scale)	7
Viscosity @ 100 °C (cSt)	36
Density @ 100 °C (g/cm ³)	0.9524
Specific Gravity @ 25 °C	1.008
Flash Point, °C (PMCC)	168
Water Content, ppm	300
Total Acid Number (mgKOH/g)	6.1
Sulfur, ppm	3.9

electrical behavior

Specific Conductivity @ 100 °C (nS/m)	126.7
Breakdown Voltage, 1 mm (kV)	25.1

corrosion protection

control	6467	
16	12	Change in Cu (ppm) (ASTM D6594); 135C/168h
3A	1B	Cu strip rating (ASTM D130); 150C/3h
GR II Base Oil	0.1% in GR II Base Oil	

recommended dosage and handling information

- Texalene 6467 is suitable for use as a stand-alone additive
- Typical treat rates are in the range of 500 – 2500 ppmv, depending on the lubricity
- We recommend using HFRR test method CEC F-06-A-96 or similar, to establish the specific treat rate for target application

Pour Point	15°C
Maximum Handling Temperature	70°C
Shelf Life	24 months at ambient temperature

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Innovative high-quality fuel and lubricant additives which extend the life of engines, fluids, and other key mechanical components offer our customers' advantages over the baseline technologies

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