



XG301 TDS

Friction Modifier

XG301 is a potent, durable, versatile & cost-effective friction reducer that is ashless, sulfur, and phosphorous free.

XG Industries

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For more information, please
email:

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Figure 1 – Tested at 1 wt.% in Group 4 base oil

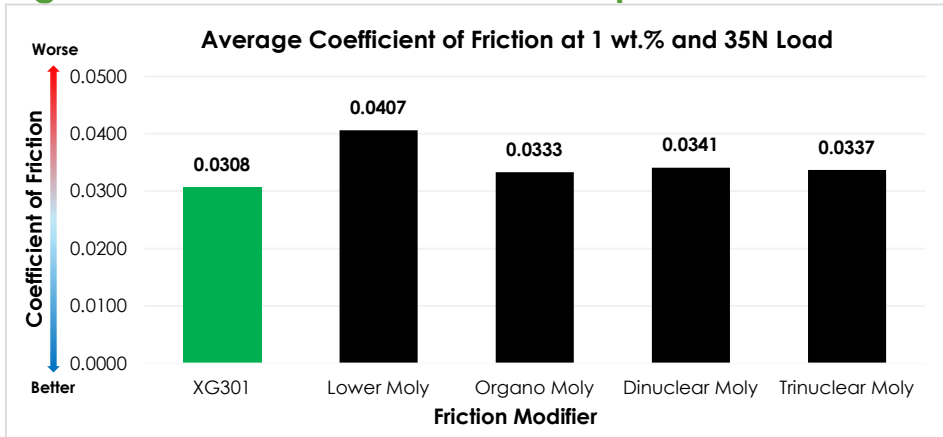


Figure 2 – Tested at 3 wt.% in Group 4 base oil

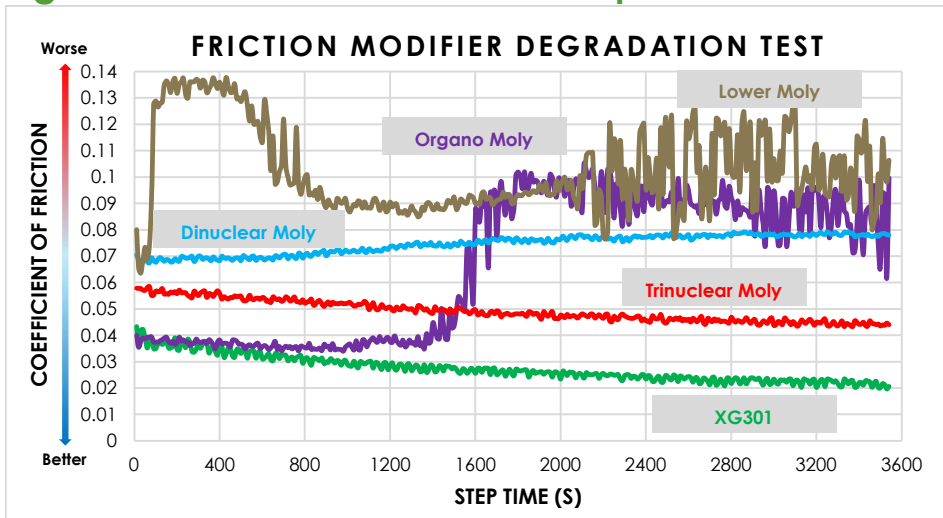


Figure 3 – Additives at 3 wt.% in Group 4 base oil



(1: XG301, 2: XG301HV, 3: XG301EP, 4: Organo Moly, 5: Dinuclear Moly, 6: Trinuclear Moly)

Product Description



- Designed for premium HDDEO, PCMO, marine oils, gear boxes, transmissions, hydraulics, lubricating sprays, and industrial lubricants.
- Provides superior performance over all moly-based products when compared in tests performed on an industry-standard Mini Traction Machine (Figure 1).
- Provides longer lasting effect as seen in the long-term degradation test (Figure 2).
- Provides friction reduction that leads to improved fuel mileage and horsepower.
- Odorless, non-corrosive, and non-toxic (Figure 3).
- Can be used with any conventional base oil, including PAO.

Chemical Composition

Organic Esters

Properties

Physical State	Liquid
Appearance	Amber
Density @ 20°C	0.924 g/mL
Viscosity @ 100°C	20.88 cP
ASTM Color, 1% in Oil	2
Flash Point	>300°C

*These numbers are typical properties for any given volume and do not constitute specification limits.

Solubility

Soluble in most carrier fluids and lubricants.

Recommended Treat Rates

0.1 to 3.0 wt.% dependent on application.

Applications

- Heavy duty diesel engine oils (HDDEO)
- Passenger car engine oils (PCMO)
- Industrial oils
- Greases

***Disclaimer:** Please refer to all local and state regulations for product disposal. For any handling or safety related issues, please refer to the SDS for this product.