

TOLAD™ 37047 Antioxidant

Improve storage stability of fuels and intermediates

Applications

- Gasoline, naphtha, distillates
- Aviation fuels

Features and Benefits

- Reduces formation of gums and polymers
 - Extends usable fuel life
 - Enables performance and commercial specifications
- High activity
 - Lower relative dosage rates
 - High flash point
- Proven performance
 - Active agent has 50 years of outstanding results
 - Active agent approved by numerous governing bodies

The **TOLAD 37047 Antioxidant**, from Baker Hughes, is a liquid mixture of hindered phenol antioxidants used to inhibit gum and residue formation in ground and aviation fuels.

TOLAD 37047 antioxidant enhances the long-term storage stability of fuels by hindering the formation of gums, peroxides and residues.

This product features a high activity and is normally stored in heated tanks at a temperature between 70°F and 90°F to reduce the potential of crystallization.

The active agent in TOLAD 37047 is approved for use in aviation fuels by numerous governing bodies and conforms to numerous military specifications including MIL-DTL-5624, DEFSTAN 91-91 as well as ASTM D1655

Safety and handling

Before handling, storage or use, review the Safety Data Sheet (SDS) for guidance.

Materials compatibility

Suitable

Metals: 304 stainless steel, 316 stainless steel, admiralty brass, copper, aluminum, mil steel, ductile steel

Plastics: polypropylene HD, polyethylene HD, PVC, fiberglass

Elastomers: TEFLON®, VITON®

Not suitable

Metals:

Plastics: PLEXIGLAS®, polyurethane

Elastomers: Neoprene, BUNA N, ethylene propylene, HYPALON®

Materials suitability is based on analysis of test results obtained under specified laboratory conditions. All materials selection should be based on actual application. Testing results for materials will be made available on request.

Typical Properties

Specific gravity at 70°F (20°C)	0.94
Typical density at 70°F (20°C)	7.84 lb _m /US gal (940 kg/m ³)
Flash Point	>210°F (>99°C)
Crystallization Point	63–68°F (17–20°C)
Viscosity at 68°F (20°C)	25 cps