# PRODUCT INFORMATION

A PRODUCT OF AMERICAN CHEMICAL TECHNOLOGIES, INC.

## TYPICAL OXIDATION RESISTANCE PROPERTIES

| | Polyol Ester | Natural Triglycerides | Phosphate Ester | EcoSafe® EHC |
|---|---|---|---|---|
| **TOST, ASTM D943 – Modified (Dry)** (95°C, iron and copper catalysts) | | | | |
| **PASS/FAIL** | **FAIL** | **FAIL** | **FAIL** | **PASS** |
| Hours | 1,512 | 500 | 1,680 | > 2,000 |
| Initial Acid Number | 2.84 | 0.95 | 0.06 | 0.25 |
| Acid Number @ completion | 5.18 | 7.70 | 2.54 | 0.31 |
| **ACID NUMBER INCREASE** | **2.34** | **6.75** | **2.48** | **0.06** |

---

| | Polyol Ester | Natural Triglycerides | Phosphate Ester | EcoSafe® EHC |
|---|---|---|---|---|
| **TOST, ASTM D943** (95°C, iron and copper catalysts, 60 mls water) | | | | |
| **PASS/FAIL** | **FAIL** | **FAIL** | **FAIL** | **PASS** |
| Hours | 500 | 500 | 840 | > 2,000 |
| Initial Acid Number | 2.84 | 0.95 | 0.06 | 0.25 |
| Acid Number @ completion | 32.93 | 36.68 | 2.44 | 2.21 |
| **ACID NUMBER INCREASE** | **30.09** | **35.73** | **2.38** | **1.96** |