

# PRODUCT INFORMATION

A PRODUCT OF AMERICAN CHEMICAL TECHNOLOGIES, INC.



## EcoSafe<sup>®</sup> V-300

***Bio-Based, Fire-Resistant Hydraulic Fluid***

### **DESCRIPTION:**

EcoSafe<sup>®</sup> V-300 is the latest addition to ACT's line of hydraulic fluids designed for systems requiring readily biodegradable, nontoxic fluids. It can be used in industrial, marine, and mobile service, including high-pressure systems, systems with servo valves, and all robotics. It is formulated from select, high-quality, high-VI vegetable oils and additives, which provide the properties required in hydraulic fluids while satisfying the stringent criteria for biodegradability and toxicity. EcoSafe<sup>®</sup> V-300 provides the excellent anti-wear and film-strength characteristics necessary for hydraulic systems operating under moderate to severe conditions. EcoSafe<sup>®</sup> V-300 is Factory Mutual approved as a fire resistant hydraulic fluid.

### **LABORATORY DATA:**

	Test Method	ESV300
Appearance		Clear, Green
Viscosity @ 100°F	ASTM D445	290 – 320 SUS
Viscosity Index	ASTM D2270	205
Specific Gravity	ASTM D1475	0.95
Flash Point	ASTM D92	302 °C (575 °F)
Fire Point	ASTM D92	338 °C (640 °F)
Pour Point	ASTM D97	-23 °C (-9.4 °F)
Corrosion Test	ASTM D665A	Pass
Total Acid Number	ASTM D664	0.25 mg KOH/g
Resistivity @ 25 C	ASTM D1169	87.7 giga ohm-cm

### **STORAGE AND HANDLING:**

We believe EcoSafe<sup>®</sup> V-300 has a low degree of hazard when used as intended. As with all products of this type, we recommend that good hygiene practices be observed, including: (1) avoid prolonged skin contact, (2) provide adequate ventilation, (3) do not ingest; and that all OSHA Standards pertaining to products of this type are observed. Refer to American Chemical Technologies' Material Safety Data Sheet for personnel protection, spill and leak procedures, handling and first aid information.

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