

## **JiChuan Polymer Quenchant E**

### **Product Description**

**JiChuan Polymer Quenchant E** is a nonflammable polymeric quenchants and is aqueous solutions of a liquid organic polymer with corrosion inhibitor. The organic polymer is soluble in water. At temperatures above 74°C (165°F), however, the polymer separates from water as an insoluble phase.

**JiChuan Polymer Quenchant E** is suitable for the hardening of following application.

- ☆ Large alloy parts from tilt-top, car-bottom and pit furnaces
- ☆ Forged parts that are quenched directly from the forge
- ☆ Sensitive alloys and shapes heated by induction
- ☆ Parts processed from continuous and batch-furnace operations employing gas-fired, neutral, and carburizing-carbonitriding atmospheres requiring oil quenching rates.

### **Typical Physical Property**

	<b>JiChuan Polymer Quenchant E</b>
Weight per Gallon @ 20°C, l	8.94
Specific Gravity at 20/20°C	1.075
Pour Point, °C (°F)	-20°C (-4°F)
Viscosity at 100°F (37.8°C), SUS	1180
PH Value	9~11
Rust Inhibition, ASTM D 665A	Pass
Flash Point, Cleveland Open Cup, ASTM D 92	None

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