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**Technical Bulletin 312**  
**CircleSol M™**

CircleSol M™ is a high flashpoint, refined petroleum distillate specifically designed for use in magnetic particle inspection with its high clarity, low fluorescence and no odor characteristics.

CircleSol M™ should be used with Mi-Glow® magnetic inspection particles for optimum inspection performance in an oil media.

**Properties**

Certification: Every batch of CircleSol M™ meets or exceeds the requirements of applicable military and industrial specifications, including but not limited to AMS 3161, AMS 2641 and DOD-F-87935.

The following are typical values for laboratory inspections of CircleSol M™:

Flash Point: 102°C by Pensky-Martens Closed Cup (ASTM D-93)

Color: Water White

Odor: None

Specific Gravity: 0.80 g/ml (ASTM D1298)

Distillation Range: Initial Boiling Point - 240°C; Dry End Point - 274°C

Temperature Limits: 32-120°F (0-49°C)

Shelf Life: Five (5) years, when closed containers are stored away from heat, sparks and open flames and oxidizers. A Certificate of Shelf Life is available upon request.

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