



MPI - Diluent



WHAT IT DOES:

Commonwealth Oil's **MPI Diluent** is a highly refined petroleum fluid used typically as a vehicle for the suspension of magnetic particles used in magnetic particle inspection fluids. **MPI Diluent** conforms with SAE's AMS2641 Rev. B specification as a Magnetic Particle Inspection Petroleum Base Fluid.

PERFORMANCE BENEFITS:

MPI Diluent contains no toxic or carcinogenic raw materials such as kerosene, fuel oil or aromatic solvents and offers the following benefits:

- Not water soluble
- No mixing, use as is
- Conforms with AMS2641B for use as a vehicle for MPI fluids meeting the following specifications; ASTM E 1444, ASTM E 709, Pratt & Whitney PMC 1887



TECHNICALLY SPEAKING:

Test	MPI Diluent
Viscosity (ASTM D 445)	2.8 cSt @ 40°C
Colour (ASTM D 1500)	0.5
Appearance and Odour	Clear Colourless, slight petroleum odour
Flash Point (ASTM D 93)	215°F/102°C
Fluorescence (AMS2641B 3.2.3)	Pass
Particulate Matter (ASTM D2276)	<0.10 mg/L
Total Acid Number (ASTM D 3242)	0.022 mg KOH per gram sample
Density, lbs./US Gallon	6.926
Specific Gravity	0.830

These are typical figures and do not constitute a specification.

Handling & Safety Information

For information on the safe handling and use of this product, refer to the Material Safety Data Sheet obtainable from Commonwealth Oil Corporation.