

TestMate® Particle Monitor

Introduction

The TPM is a portable particle monitor with an integrated pump that can be used in-line or with bottled samples to measure contamination levels of hydraulic fluid. Particles are measured at the 4, 6, and 14 micron sizes, with results available in ISO 4406 (1999) and SAE AS4059 as well as several other options. Various programming options are available, including the ability to activate or de-activate system functions when contamination reaches a user specified level. It is equipped with a built-in printer to provide instant documentation and an RS-232 or RS-485 serial port for data transfer. A custom software package is also included for trend analysis on a PC. The unit's robust packaging includes a folding handle which doubles as a stand to provide optimal viewing.



Features

- Measures and counts solid contaminants in hydraulic and lubrication oil
- Completely portable for in-plant and field use
- Provides in-line counts for continuous measurement
- Unit is designed for either in-line or bottle sample counting
- Built-in printer provides results of particle count for archive
- Unit can be programmed to activate a relay when the contamination level reaches target value
- Data can be analyzed using Schroeder software or MS-Excel software for single incidence or for trending

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