

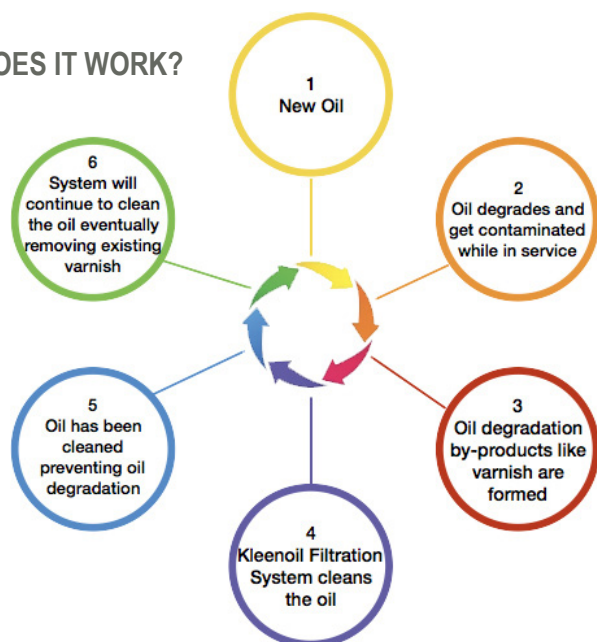
- ✓ Prevents varnish formation
- ✓ Zone 1 Hazard Classification
- ✓ Fully PLC-automated System
- ✓ Permanent solution to varnish problems
- ✓ Particle and water measurement system



VARNISH REMOVAL SYSTEM

Product Code: MS4V / MS8V

HOW DOES IT WORK?



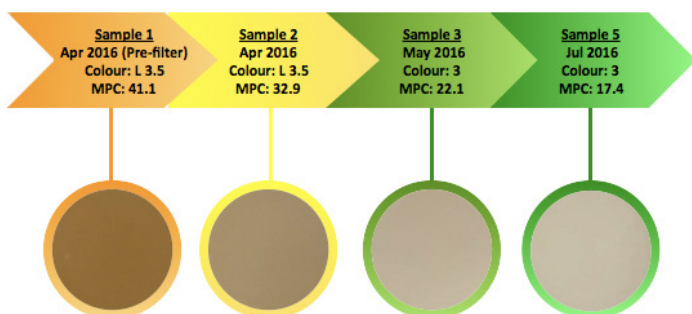
SYSTEM DESCRIPTION

The Varnish Removal System uses a combination of magnetic filtration and depth filtration to remove degradation products before they have time to react further and form insoluble sludge and varnish deposits.

The system consists of:

- 4 or 8 Kleenoil MMC+ Filters for Varnish Removal
- Zone 1 Hazard Classification
- 400Vac 50/60Hz 3-Phase Pump
- Pressure Regulating Valve / Overpressure Protection
- Particle counter/Water/Temperature/Pressure Sensors
- Fully PLC-automated System
- Heavy Duty Wheels with Powder-coated Frame

ACTUAL MPC RESULTS



FILTRATION CAPABILITY

The system uses a multi-material contracted filter cartridge that is specifically designed for varnish removal/prevention that traps the sub-micron contaminants, as well as water, without removing any of the additive package in the oil.

- **Water Removal**
The cartridges remove the water from oil to around 15ppm level.
- **Particles Removal**
The filters remove 99% of particles 5 microns in size.
- **Fine Particles Removal**
The filters remove 99% of all solid particles down to submicron in size.
- **Ferrous Particles Removal**
The filter unit has a permanent magnet that removes all ferrous particles.

TECHNICAL DATA

	Code: MS4V	Code: MS8V
Dimensions	800 x 1000 x 425 mm (excl. wheels & handles)	800 x 1800 x 650 mm (exc. wheels & handles)
Weight	80 kg. approx.	100 kg. approx.
Flow Rate	1500 LPH @ 32 Cst.	3000 LPH @ 32 Cst.

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