

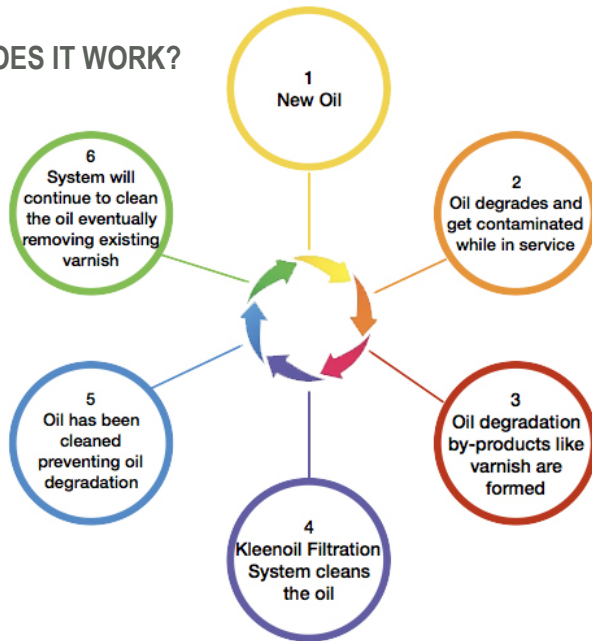
- ✓ Eliminates degradation products
- ✓ Prevents varnish formation
- ✓ Explosion proof; no electrical parts
- ✓ Permanent solution to varnish problems
- ✓ Low cost of ownership



VARNISH PREVENTION SYSTEM

Product Code: VS2 / VS4

HOW DOES IT WORK?



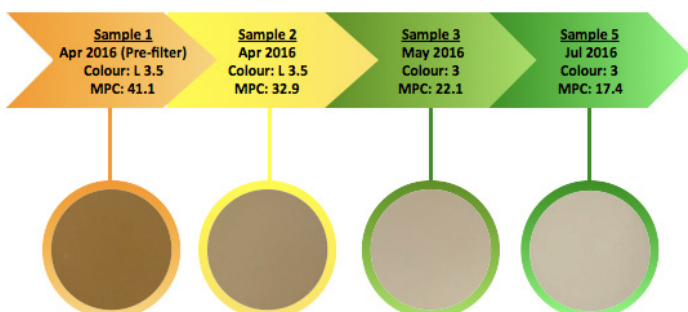
SYSTEM DESCRIPTION

The Varnish Prevention 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 is explosion proof (ATEX) with no electrical parts and comes completely enclosed consisting of:

- 2 or 4 Sub-micron particles & water removal filters
- Pneumatic pump
- Pressure regulating valve
- Pressure gauge
- Rare-earth magnet on each filter
- Quick-release couplings
- Wheels

ACTUAL MPC RESULTS



FILTRATION CAPABILITY

The system uses a filter cartridge that is specifically designed for varnish 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 fuel 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: VS2	Code: VS4
Dimensions	500 x 500 x 425 mm (excl. wheels & handles)	800 x 800 x 650 mm (exc. wheels & handles)
Weight	40 kg. approx.	55 kg. approx.
Flow Rate	500 LPH	750 LPH

Doc Code: HCS-IMS-MD-13/Rev.0/Sep2016