

CRITICAL OIL SYSTEMS RX



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Don't let the Economic Slowdown Affect Your Equipment's Life

Your maintenance budget has been slashed, your PM program is now called your CM program (chaos management). Your operators now have responsibility for the machine instead of trained maintenance mechanics. You don't have time or money to change oil, purchasing doesn't have time to order filters, you had to cut back on the routine oil analysis etc., etc. In these painful times something has to suffer but perhaps your equipment does not have to suffer long term consequences. With some carefully placed effort you can make sure your critical oil systems are safe from lack of attention and TLC. Consider off line oil purification often called "kidney loop" filtration as a safeguard against the pitfalls of the maintenance time out. In particular consider incorporating or expanding your current electrostatic oil cleaners (EOCs)

Varnish –A Hydraulic System's Version of Killer Plaque

Many of today's hydraulic systems contain insoluble contaminants, which are too small to be trapped by filters - and too small to be detected by particle counting. This varnish formation is a serious problem that affects system operation. Conclusive proof now exists that the root cause of tar and varnish formation is the build-up of insoluble soft contaminant oxidation by-products. What causes the formation of these insoluble soft contaminants? [Read more -click here](#)

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program. These systems can guard against fine particulate and also system robbing varnish. These systems require very little attention and can literally save your critical oil systems from lack of attention. They work whether your oil systems are circulating or not. When the equipment is down for extended periods they keep the oil moving and are constantly removing particles and contaminants that can otherwise quickly settle out and form varnish. UAS Kleentek can provide you a variety of financing options including rental and leasing of the Kleentek units so you will not have to fight the capitol budget battles.

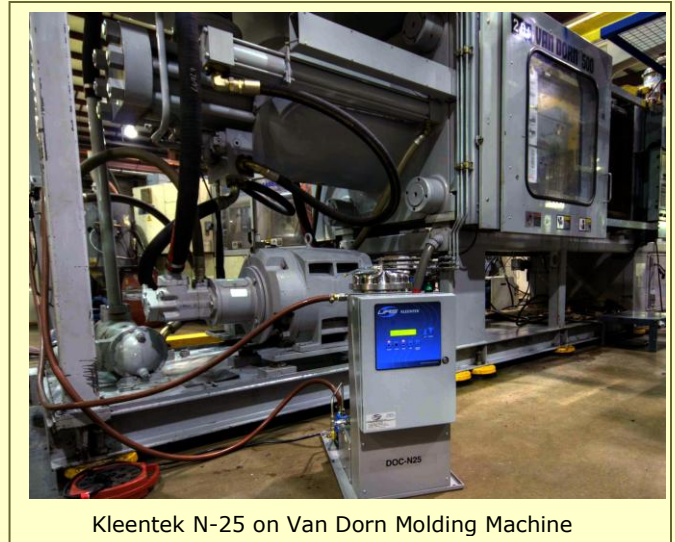
Read more on how they work [Click Here](#)



UAS Kleentek's N-Series oil Cleaning Systems

How a Major Automotive Manufacturer Quadrupled its Hydraulic Oil Life

GM's Saturn division had 39 large injection molding machines producing exterior panels, fenders, doors hoods, etc. Combined Saturn had over 40,000 gallons of hydraulic oil. They used the standard ISO cleanliness codes to determine the oil quality and change intervals. Prior to the introduction of electrostatic oil purification they were experiencing varnish, lacquer build-up and filter plugging after 6000 hours on the oil. After introducing the electrostatic oil cleaners they were To read more on this case study [please click here](#)



Kleentek N-25 on Van Dorn Molding Machine

Free EOC CHECK-UP

Free Kleentek Unit Tune-up

This is a free service offered by HB Equipment, an authorized sales agent for UAS Kleentek for customers that own UAS Kleentek EOC units. The service is offered as a means of determining if your Kleentek units are operating correctly and giving you the best performance for your oil maintenance application. This also gives you an opportunity to meet your local representative for any future needs.



15 point check

1. Check each Kleentek unit and report current conditions including high voltage, flow, collector condition, loose or worn parts etc.
2. We will check the high voltage at the center electrode (note: this requires partial unit drain and a special high voltage probe –we provide
3. Check pump operation and system flow
4. Check the condition of the collector and current capacity
5. Check analog and/or digital displays to confirm accuracy
6. Check the operation of the power supply
7. Check for worn seals, hoses and fittings and wiring
8. We will replace the collector if required (collector cost not included in the free service and only done with authorization of customer)
9. Collect an oil sample from the machine if requested. We can take care of sending the sample to a fee based outside lab.
10. We will provide a full service report for all items above including corrective action if needed

Click on the link below for more details on the FREE service for Kleentek customers.

[Additional "Tune-up" Services-click here](#)

Kleentek Introduces New Products to Protect Your System from both Particle and Water Contamination

When your application is subject to high amounts of condensation or water egression from cooling leaks or other sources, the new Kleentek PFCS system with built-in water removal can allow you all the benefits of electrostatic oil cleaning without voltage irregularity. In most applications, moisture levels over .05% will inhibit or even curtail effective distribution of the high voltage and thus the particle removal. With the new PFCS system you can knock out water, particulate and varnish from your system in one shot. The PFCS system includes a replacable water coalescing filter integrated into the system.

[CLICK HERE FOR MORE INFO](#)



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Providing:

- Oil Purification Alternatives
- Oil Analysis Services
- Lubrication Recommendations

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