Introduction:
KLEENTEK: Electrostatic Oil Cleaner with Dehydration (“EDH”)

Focus Machinery Pte Ltd, Singapore
x
Kleentek Corporation Inc., Japan

Today's Agenda – Discussion

1. Our heritage, our history and our expertise
2. Our knowledge in hydraulic fluid lubrication management
3. How we operate and work
4. Value proposition of using EOC
5. Working principle of EOC
6. EOC vs Traditional & Conventional Filters
7. What can EOC do?
8. Cost-Benefit Analysis ("CBA")
9. Case Study – Benefits of EOCs

1. Focus Machinery Pte Ltd, Singapore – Our History, Background and Heritage

Focus Machinery Pte Ltd, Singapore has been working with Kleentek Corporation, Inc in Japan since 1999.

We started off supplying equipment such as dehumidifier dryers and parts and components dealing with used injection machine for the export market.

We supply and support equipment and tools of various make within the Asia Pacific Region, such as Singapore, Malaysia and Indonesia – Batam.

We've successfully supplied and delivered many units of Kleentek, Electrostatic Oil Cleaners ("EOCs") previously also known as Electrostatic Liquid Cleaners ("ELCs") to various industries such as Plastic Injection Moulding Industries, Injection Stretch Blow Moulding (PET bottles production) and power generation plants in the region of Singapore, Malaysia, Thailand and Indonesia – Batam.

2. Value Proposition of Focus Machinery Pte Ltd, Singapore

To provide our customer with a
cost effective
solution to their challenges
in the area of
hydraulic lubrication

3. Our Knowledge in Hydraulic Fluid Lubrication Management

Product/Services	Illustration
Used Oil Contamination Control Management	• Provide used oil contamination control management for some of the major industry within the market; e.g. plastic manufacturing; utilities – power generations; distribution of electricity via the power grid; automobile manufacturing and aviation • Designed in-house proprietary used oil contamination control management framework for one oil cleaner to multiple machine environment
Oil Analysis Performance Benchmarking	• Provide both independent and industry standard benchmarking for majority of the used oil analysis benchmarking. • e.g. **RULER** (“Remaining Useful Life Evaluation Routine”) Oil Analysis – measure the level of remaining antioxidant additive levels in lubricating oils – turbine oil and hydraulic oil; Total Acidic Number (TAN) and Total Base Number (“TBN”)
Technical Support	• All Kleentek products supplied comes with manufacturer warranty coverage support, including spare parts and components – therefore you are not just coverage with your consumable, but also you can have a peace of mind whenever your machine encounter any technical issue.
Kleentek Corp Inc., - Agent for Singapore, Malaysia and Indonesia – Batam	• We supplies all range of Kleentek product directly from Kleentek Corp Inc., Japan – therefore always remember to ask for your Certificate of Origin (C.O.I) upon any purchase, in order to ensure the product authenticity and validity.

4. Value Proposition of Kleentek: Electrostatic Oil Cleaner (“EOC”)

To promote **sustainable practice** through
the **reduced use of non-renewable** natural resource
by refocusing the use refined mineral oil
while ensuring **maximum uptime**;
reduce cost of maintenance
and **minimizing operational impact**.

5. How We Operate and Works

	Step 1	Step 2	Step 3	Step 4
Client, (You)	• initial contact • expression of interest • initial discussion	• benchmarking of oil performance (using Kleentek Oil Analysis report) • benchmarking of oil performance using independent laboratory	• taking delivery of Kleentek's Oil Cleaner • preparation of materials and resources	• taking delivery of oil cleaner • implementation of oil management control • perform oil top-up and replenishment based on Kleentek's recommendation
Focus Machinery Pte Ltd, Singapore	• understanding of technical background, application • collection of oil samples, (used/new) • membrane patch testing, internal	• negotiation of pricing and payment term • drafting of technical solution based on client's environment • placement of order with the maker	• commissioning, installation of system • boardroom presentation, on-site training	• performance measurement • regular interval oil performance measurement • yearly onsite visit with customer,
Kleentek Corp Inc., Japan	• maker informed of the client, enquiry • processing of oil samples • oil analysis report	• maker produce the Kleentek machine with accordance to technical requirement • tentative lead time: approxi. 3 months	• oil samples are sent back to Kleentek Corp Inc., Japan for oil analysis • provide recommendation based on the oil analysis	• feedback on the performance of client's environment • provide recommendation and feedback on client's environment

Introduction - KLEENTEK: Kleentek Filter (“KF Series”)
Summary: Operating Principle and Features

Main Point	Details
Application:	• allow the removal of the insoluble solid contaminant from the fluid of concern where electrostatic charged principle could not be applied, or where the fluid of concern is electrically conductive.
Feature	• Pressure Gauge Indicator • REV/OFF/NOR Pump Switch
Available in the following Models:	• KF-6; KF-16; KF-32;
Model of Operation:	• Filtration Mode Only
Specification:	• Pump Flow (lit/min) : 5.0 L/min @ 50Hz • Dimension (L x W x H)(mm) : 535 x 375 x 940 • Weight (kilogram – kg) : 62

Kleentek: KF-16 shown in the photo

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Feature	• Pressure Gauge Indicator • REV/OFF/NOR Pump Switch
Available in the following Models:	• KF-6; KF-16; KF-32;
Model of Operation:	• Filtration Mode Only
Specification:	• Pump Flow (lit/min) : 10.0 L/min @ 50Hz • Dimension (L x W x H)(mm) : 810 x 375 x 980 • Weight (kilogram – kg) : 87 kg

Kleentek: KF-16 shown in the photo

For more information, you may reach us at:

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