

## INTRODUCTION

KLEENTEK: Electrostatic Oil Cleaner with Dehydration Unit (“EDH Series”) is a standard filtration system by KLEENTEK Corporation., Japan used for the removal of the oil oxidation product, varnish, and other insoluble solid contaminant from hydraulic lubrication system and water contamination in a single – pass manner.

## PRODUCT DESCRIPTION

KLEENTEK: Electrostatic Oil Cleaner with Dehydration Unit (“EDH Series”) is a latest variant of filtration system from KLEENTEK Corporation, Japan that remove varnish, oil oxidation products and insoluble solid contaminants from lubricant, hydraulic fluid as well as water contamination either in a single-pass manner, independently, or acts as a dehydration unit independently.

## PRODUCT HIGHLIGHTS

The primary advantage of KLEENTEK: Electrostatic Oil Cleaner with Dehydration Unit (“EDH Series”) is that this product can be applied in application, where the level of water contamination is expected to be continuously to be greater than 500 parts per million (“ppm”) due to the external environmental conditions.

## PRODUCT FEATURE

The product feature of KLEENTEK: Electrostatic Oil Cleaner with Dehydration Unit (“EDH Series”) is as follow:

5. **System that is heavily contamination with water** – this product is suitable for removal of water contamination that has been heavily contaminated with water, where water contamination is >2,000ppm.
6. **Remove contaminant via filtration principle** – remove solid and insoluble contaminant in fluid that are not suitable for use in application where electrostatic charged principle cannot be applied.
7. **Pressure Gauge** – indicator used to indicate the projected lifespan of the dehydration element.
8. **KLEENTEK’s Patented Pump flow rate** – patented designed flow ensuring that the primary issue of spark discharges is eliminated and mitigated.

## PRODUCT APPLICATION

KLEENTEK: Electrostatic Oil Cleaner with Dehydration Unit (“EDH Series”) is used in system where the hydraulic fluid/lubricant of concern has been heavily contaminant with very high level of water contamination where electrostatic-charged principle cannot be applied to the fluid due to the conductivity nature of the fluid.

KLEENTEK: Electrostatic Oil Cleaner with Dehydration Unit (“EDH Series”) is applied in application.

## ASSOCIATE CONSUMABLE

The associate consumable for this range of products are as follows:

- **B-45, Dehydration Element:** dehydration element that can hold up to 0.4 litres (L) of water.
- **CC-RxxSP, Cartridge Collector:** remove insoluble solid contaminant, varnish, and oil oxidation product

Please consult your local/regional representative on the correct selection of filter. For more details and information on the exact specification of the associate consumable, please visit <https://www.focusmachinery.com.sg/consumable>.

For more information on the usage and application of KLEENTEK: Electrostatic Oil Cleaner with Dehydration Unit (“EDH Series”) Unit, please visit: <https://www.focusmachinery.com.sg/dh-series>.

## SHIPMENT SPECIFICATION:

Harmonized System (HS) Code: 8421 23 0005

## TECHNICAL SPECIFICATION

The technical specification of the KLEENTEK: Electrostatic Oil Cleaner with Dehydration Unit (“EDH Series”) is as follows:

Notice: Please refer to the KLEENTEK: Catalogue for more information.

## PHOTO OF EQUIPMENT



## TECHNICAL LIMITATION

For this KLEENTEK’s technology to work effectively, the level of water contamination in the system must be < 500 parts per million (“ppm”), order to prevent the electric field formed by the high-voltage transformer from tripping.

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