

# The Oil Eliminator®

When it has to be  
oil free™



[www.vigilantenvironmental.com](http://www.vigilantenvironmental.com)

## THE OIL ELIMINATOR® SERIES

### World Leading Hydrocarbon Removal Cartridges

Unmatched Performance In A Patented Design

#### Cartridge Capacity Estimates\*

(Based on in housing testing of a 50/50 blend of HFO/DO which has been mechanically emulsified into water)

- Series 250 Cartridges (per 10" cartridge length)
  - PRE: Cartridge weight 120 grams.\*\*
  - OE: 140–160 ml held before breakthrough\*\*\* seen.
  - ECO: 150–160 ml held before breakthrough\*\*\* seen.
  - ECO-Plus: 150–160 ml held before breakthrough\*\*\* seen.
  - ECO-MAX: 150–160 ml held before very high D/P. Breakthrough\*\*\* typically not seen.
  - WSO: 120 ml held before breakthrough\*\*\* seen.
- Series 450 Cartridges (per 10" cartridge length)
  - PRE: Cartridge weight 325 grams.\*\*
  - OE: 720–760 ml held before breakthrough\*\*\* seen.
  - ECO: 600–640 ml held before breakthrough\*\*\* seen.
  - ECO-Plus: 600–640 ml held before breakthrough\*\*\* seen.
  - ECO-MAX: 500–540 ml held before very high D/P. Breakthrough\*\*\* typically not seen.
  - WSO: 480 ml held before breakthrough\*\*\* seen.
- Series 650 Cartridges (per 10" cartridge length)
  - PRE: Cartridge weight 700 grams.\*\*
  - OE: 1150–1200 ml held before breakthrough\*\*\* seen.
  - ECO: 960–1020 ml held before breakthrough\*\*\* seen.
  - ECO-Plus: 960–1020 ml held before breakthrough\*\*\* seen.
  - ECO-MAX: 800–860 ml held before very high D/P. Breakthrough\*\*\* typically not seen.
  - WSO: 770 ml held before breakthrough\*\*\* seen.

\* These are only estimates, types of oils, surfactants, emulsification, flow rates, and particulate loading will all affect the capacity.

\*\* PRE cartridges can absorb up to 25 times their weight but are very dependent on the oil make up. They are used primarily as a sediment cartridge to protect the more expensive polishing cartridges, but are a very good oil absorber.

\*\*\* Breakthrough is not the full capacity of the cartridge, it is still capable of removing more oil, but will be passing progressively more as it saturates.

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