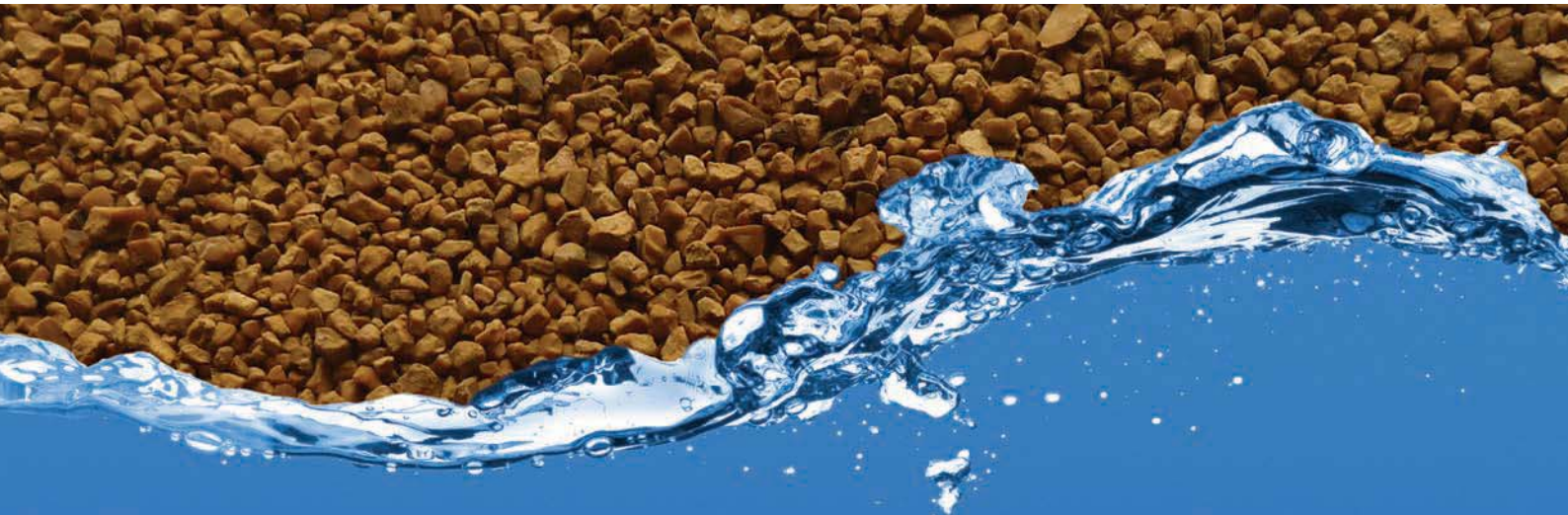


# NUTSHELL FILTERS



Enhydra offers the latest generation nutshell filter design. Our filter designs do not rely on complex mechanical back flushing systems and provide a reliable and cost effective solution for oil and solids removal.

Our most recent development, the Sentinel Filter, is a high-rate, multi-media down flow filter designed specifically for the unique challenges of oil and solids removal. The Sentinel Filter is the only oilfield media filter capable of achieving solids removal to 2 microns and below, simultaneously with oil removal to less than 5ppm.

## FEATURES AND BENEFITS

- 95% oil removal
- Sentinel Filter patented technology for high efficiency, 2 micron solids removal
- Latest generation Nutshell Filter backwash design
- Proven design technology
  - Gas scour for 100% effective media scrubbing
  - Complete fluidisation of filter bed
  - No mechanical seals
  - Vertical or horizontal vessels available
- Simple control philosophy
- Reduced footprint
- No rotating equipment or external devices
- Low energy design

## OVERVIEW

Enhydra has many years experience in the design of produced water systems for the removal of oil and solids from water. Our latest generation design principles eliminate the need for internal or external rotating equipment through the use of multiphase (gas/liquid) backwash feed. Each filter is uniquely sized and designed for the individual challenges of specific applications. Water conditions vary from project to project; by offering filters designed for individual applications, Enhydra filters outperform outdated off-the-shelf items.

