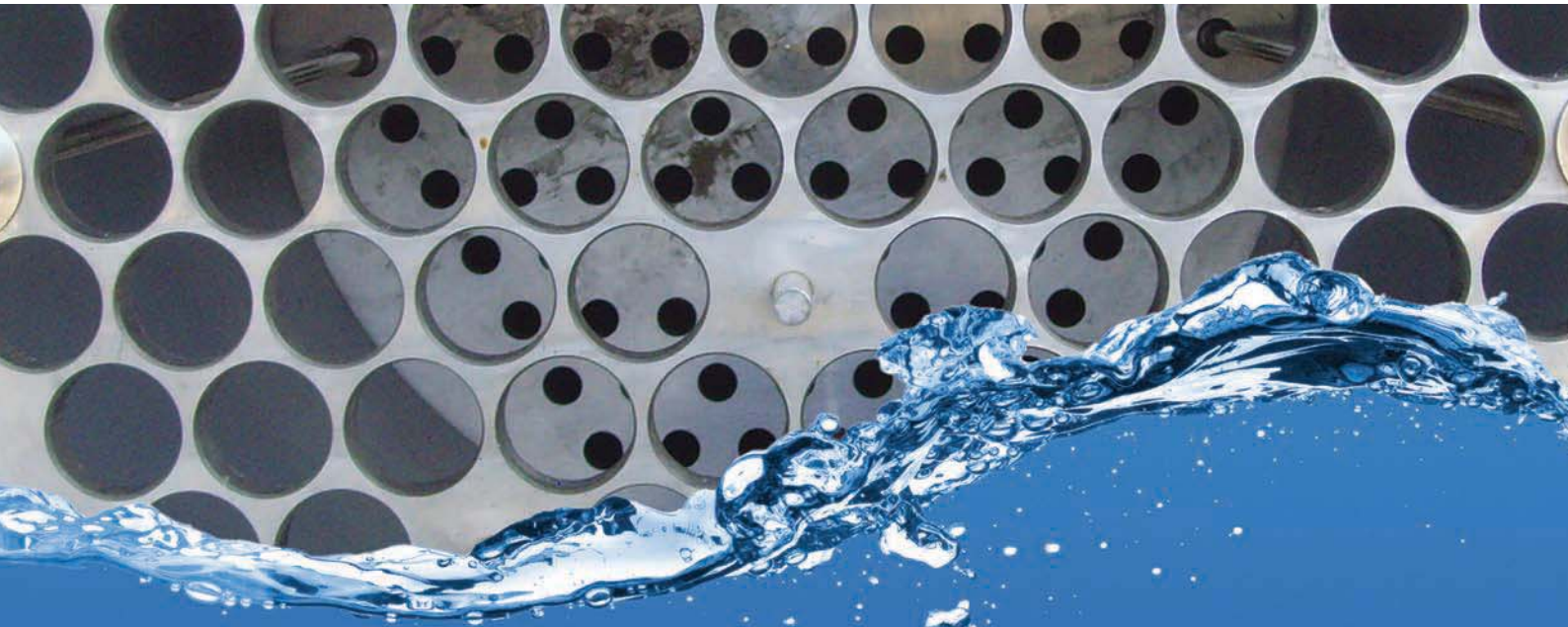


# LL15 HYDROCYCLONE



Enhydra's engineers have been involved in the design, development and operation of deoiling hydrocyclones for over 30 years.

During that time they have developed many of the existing products on the market including some of the latest 'second generation' products. The LL15 hydrocyclones follow on from there and are now the latest high efficiency deoiling hydrocyclones on the market.

## FEATURES AND BENEFITS

- **Exceptional removal efficiency**  
– up to 99% achieved in field
- **Bulk oil removal** – up to 20% free oil
- **Discharge levels can be below 10ppm**
- **Low pressure operation**
- **High erosion resistance**
- **Compact**
- **No moving parts**
- **High capacity designs**
- **Insensitive to motion**

## OVERVIEW

With twin inlets and a unique acceleration profile the high efficiency LL15 hydrocyclone has been shown to achieve separation performances of more than 99%. It can also handle inlet free oil concentrations of more than 20%. Whether for new projects or as an upgrade to existing vessels, the LL15 hydrocyclone will provide operators with the best performance throughout the widest flow range. It will reduce oil discharge levels and minimise operator intervention.



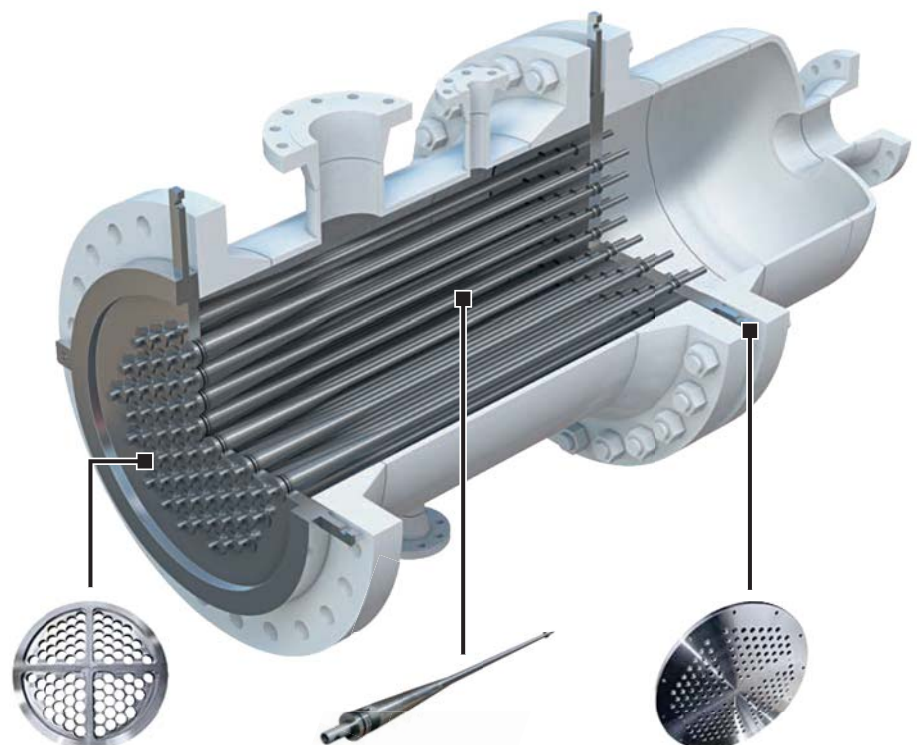
## Materials of Construction

The LL15 hydrocyclone liners can be made from a variety of materials to suit the application.

- Duplex Stainless Steel with Stellite head
- Inconel 625 / 825
- Super Duplex
- Titanium
- Tungsten Carbide

## Offshore Testing

The high performance LL15 hydrocyclone can be tested offshore either on its own or as part of a larger technology assessment. It can also be used as a performance indicator to troubleshoot existing applications. Individual test units are available.



### Reject Plate

Single or split section designs available in a variety of materials and thickness to support individual applications.

### LL15 Deoiling Liner

With high erosion resistance and a unique acceleration profile these high efficiency liners provide unparalleled performance.

### Support Plate

Single or split section designs available in a variety of materials and thicknesses to support individual applications.