

Older Generation Hydrocyclone Spares

Overview

Many legacy Produced Water Treatment (PWT) equipment suppliers have been acquired by much larger companies with diverse product ranges. Due to this Operators find it difficult to identify the OEM and even when they can, find their equipment is obsolete or critical product knowledge is no longer available. EnSep was formed to address this knowledge and skills gap, by providing cost effective support for existing PWT systems on mature assets.

Scenario

This was the case when we were approached by a North Sea Operator who were struggling to find support for an older, 3 piece, generation of hydrocyclone liner. They had some used liners in stores that they sent to us for inspection and repair. Due to EnSep's detailed knowledge of produced water treatment technology gained over many years, the liner type was identified and only the taper section was present with the inlet and reject gallery missing.

Following inspection it was ascertained that the taper sections would be fit for return to service following some minor repair works and the addition of new inlet and reject gallery sections.



OEM Inlet and Reject Gallery Sections



Old Generation Hydrocyclone Taper Section Supplied, with no Inlet or Reject Gallery Section

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EnSep Response

The tapers needed some minor repairs, some required straitening, all were cleaned, and a new set of soft parts supplied. EnSep also manufactured and supplied equivalent Inlet and Reject Gallery sections and returned a full 3-piece hydrocyclone c/w all soft parts ready for installation in the hydrocyclone vessels.

The operator struggled to get support from the OEM and identified that EnSep provided a complete inspection, repair and replacement part service focused on produced water treatment systems.



Replacement Hydrocyclone Inlet Section Supplied by EnSep

EnSep Hydrocyclone Spare Part Capabilities

The EnSep ENO70 and ENO38 hydrocyclone can be installed as a like for like spare hydrocyclone in most applications with the minimum of modifications. In addition, EnSep manufacture and supply equivalent spares for a large range of older generation hydrocyclones.