



HDEO

HIGH DENSITY ENVIRONMENTAL OIL

HDEO is a High Density Environmental Oil designed for applications where a specific gravity greater than seawater is required.

Typical applications include use as a displacement fluid in subsea valves and other applications where displacement of seawater (or water) is desirable.

HDEO offers outstanding environmental properties and is an OCNS E (with no substitutable components) for UK discharge and boasts a Yellow Y1 environmental classification for use in Norwegian waters.

HDEO exhibits excellent corrosion protection, long term stability, microbiological protection, material compatibility and all round technical performance. HDEO also offers freeze protection and is insoluble in seawater/water.

HDEO has undergone extensive elastomer and metal compatibility testing with individual system components.

For further information on HDEO please do not hesitate to contact us.

PHYSICAL PROPERTIES

Appearance	Colourless/Yellow
Pour Point (°C)	< -30 *
Upper Temperature (°C)	180
Specific Gravity	1.063
Viscosity @ 0 °C	2815
Viscosity @ 20 °C	633.5
Viscosity @ 40 °C	183.2
Water Solubility	Insoluble
Oil Solubility	Miscible

* Whilst the pour point of HDEO is -30 °C, Offshore Environmental Oils recommends a minimum operating temperature of -10 °C due to the rapid increase in viscosity upon cooling below -10 °C.

Subsea Range



Offshore Environmental Oils

Walter Leigh Way, Moss Industrial Estate
Leigh, Lancashire, WN7 3PT, UK

Telephone +44 (0) 8452 967751

Fax +44 (0) 8452 967752

Email tech@offshore-oils.com

Website www.offshore-oils.com