



ENVIROSOL CO250

CO₂ COMPATIBLE CONTROL FLUID

ENVIROSOL CO250 is a CO₂ compatible Subsea Control Fluid offering excellent corrosion protection and fluid stability in EOR/ CCS subsea systems.

ENVIROSOL CO250 has an extremely low viscosity but does not contain water hence cannot react with CO₂ to form Carbonic acid or form CO₂ gas hydrates.

ENVIROSOL CO250 has an upper temperature capability of 250°C.

ENVIROSOL CO250 is based on environmentally acceptable 'oils', boasting an OCNS Class E for UK use, a Yellow Y1 Classification for Norway and can be used in open/ vent to sea or closed/return systems. To assist with our Carbon Offsetting programme, we pledge to plant a tree for every 5 litres of fluid sold.

This combination of environmental, futuristic, technical and performance attributes makes ENVIROSOL CO250 an ideal Subsea Control Fluid for all manner of traditional open/closed subsea projects along with EOR/CCS, while offering dual function as an extremely stable umbilical storage fluid that can offer significant savings during umbilical commissioning due to its superior compatibility with SURF (Subsea, Umbilical, Riser, Flowline) chemicals.

Utilising CO250 in a standard subsea control system also makes sense if there is any likelihood that the subsea system might be converted to CO₂ EOR or CCS in the future (plug and play forward compatibility).

ENVIROSOL CO250 is available in 208 litre drums and 1,000 litre IBC's.

Please contact our technical team below for further information on this product.

Key Attribute:

Fully Compatible with CO₂, contains no water and therefore does not form Carbonic Acid.

PHYSICAL PROPERTIES

Appearance	Colourless/Yellow
Pour Point (°C)	< -40 °C (-40 °F)
Upper Temperature (°C)	250 °C (482 °F)
Specific Gravity	0.820
Viscosity @ 5 °C	10.5 cSt
Viscosity @ 20 °C	6.5 cSt
Viscosity @ 40 °C	3.9 cSt
Water Solubility	Insoluble
Oil Solubility	Miscible



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