



# ENVIROSOL CO<sub>2</sub>50

CO<sub>2</sub> COMPATIBLE CONTROL FLUID

PRODUCT DATASHEET

REVISION  
Rev 03 / 2026

A new-generation subsea control fluid engineered for CO<sub>2</sub>-rich service: EOR, CCS and other applications where conventional fluids fail on stability or corrosion protection.

Offers excellent corrosion protection and fluid stability in EOR / CCS subsea systems while maintaining the thermal and environmental performance expected of the ENVIROSOL range.

Dual-use: **designed to function as both a production control fluid and a long-term umbilical storage fluid**, reducing the need to handle multiple fluids during installation.

Rated to 250 °C and tested in accordance with **API 17F** (4th Edition 2017 and 5th Edition 2023). Contact us for detailed qualification data.

UPPER TEMPERATURE

**250 °C**

Stable for project lifetime at sustained HT operation.

SERVICE

**CO<sub>2</sub>-rich**

EOR / CCS / conventional subsea.

ENVIRONMENTAL RATING

**OCNS E · Y1**

UK (OCNS Class E, no substitutables)  
Norway (Yellow Y1, expected).

## Physical properties

TYPICAL VALUES

GENERAL

Appearance	Colourless / Pale Yellow
Specific gravity	0.824
Water solubility	Insoluble
Oil solubility	Soluble

THERMAL RANGE

Pour point	< -40 °C
Upper temperature	250 °C

VISCOSITY (cSt)

At 5 °C	10.5
At 20 °C	6.5
At 40 °C	3.9

COMPATIBILITY

Brayco Micronic SV/3	Fully compatible
Brayco Micronic SV/4	Fully compatible
Brayco Micronic SV/B	Fully compatible

Need a sample, or technical data beyond this sheet? [Speak to our team.](#)

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