



ENVIROSOL CLEO

HP/HT OIL BASED SUBSEA CONTROL FLUID

PRODUCT DATASHEET

REVISION

Rev 03 / 2026

A thermally stable environmental oil engineered for HT/HP subsea control systems, with the performance of a conventional oil-based fluid and a discharge profile fit for environmentally sensitive operations.

ENVIROSOL CLEO maintains reliable performance in excess of 250 °C for project lifetime, offering the properties of traditional oil-based fluids with the environmental profile required for direct discharge to sea, or for the closed-loop systems increasingly specified across the sector.

Its comparatively low viscosity for an oil-based fluid makes CLEO well suited to fields with long step-outs. It is **fully compatible with Brayco Micronic SV/4, SV/3 and SV/B**, allowing replacement in existing systems where a stronger focus on environmental discharge is required.

CLEO is rated to 250 °C and has been tested in accordance with **API 17F** (4th Edition 2017 and 5th Edition 2023).

UPPER TEMPERATURE

250 °C

Stable for project lifetime at sustained HT operation.

TESTED TO

API 17F

4th Edition 2017 · 5th Edition 2023.

ENVIRONMENTAL RATING

OCNS E · Y1

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

Physical properties

TYPICAL VALUES

GENERAL

Appearance	Colourless / Pale Yellow
Specific gravity	0.914
Water solubility	Insoluble
Oil solubility	Miscible

THERMAL RANGE

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

VISCOSITY (cSt)

At 0 °C	37
At 20 °C	14.6
At 40 °C	8.5

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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