

ENOC AXIS SUBSEA FLUID

PRODUCT DESCRIPTION

ENOC AXIS SUBSEA FLUID is a premium water-based hydraulic control fluids specifically formulated for use as the control medium in subsea production control systems. The fluid has an operational temperature range from -25°C to 145°C (-13°F to 293°F). **ENOC AXIS SUBSEA FLUID** contain performance additives which ensure high levels of compatibility with materials typically used in subsea production control equipment. Extensive material compatibility tests have been performed.

APPLICATIONS

ENOC AXIS SUBSEA FLUID is used in open and closed loop Subsea Production control systems

Ferrous metals (cast iron, carbon steel, low & high alloy steels, stainless steels)	compatible
Non-ferrous metals (copper, brass, bronze and other metals and alloys*)	Compatible with alloys typically used in subsea production control equipment. Avoid Zn, Cd, Pb and Mg metals. Aluminum should be hard anodized
Coatings and ceramic materials	Avoid porous coatings. Compatible with most ceramic parts. Check ceramic coatings
Packaging & sealing materials (elastomers and thermoplastics*)	Compatible with standard NBR, HNBR, FFKM, VMQ/FMVQ, CR, TFE/PTFE, PEEK. Some FKM & AU/EU/PU have proven to be incompatible
Umbilical hose liner thermoplastics	Compatible with Nylon 11, PE and Polyether ester copolymers
Absorbent gasket materials	Avoid cork, leather, cotton impregnated materials
Paints	Avoid painting internal surfaces Cured epoxy, phenolic and nylon based paints are satisfactory. Avoid less resistant paints as they soften. Wash spillages immediately with water
Filter elements	Polypropylene and glass fiber filter elements recommended over paper filters

* As material compatibility varies from compound to compound and supplier to supplier, consult supplier for recommendations or request specific compatibility tests.
Compatible



PERFORMANCE STANDARDS

AXIS SUBSEA FLUID meets and exceeds the following OEM and International specifications:

ISO13628-6 specified, meets all major equipment manufacturers

AXIS SUBSEA FLUID should be selected according to the requirements of the application as specified by the equipment manufacturer.

BENEFITS

AXIS SUBSEA FLUID provides:

- ◆ Maximum operation temperature 145°C / 293°F
- ◆ Excellent corrosion protection (liquid & vapor phase) and lubrication properties
- ◆ Resistant to microbial infection
- ◆ Recommended for long-term equipment storage
- ◆ Outstanding stability with high levels of seawater ingress
- ◆ Meets stringent global environmental acceptability regulations
- ◆

Technical Data*	
Appearance	Clear Fluorescent Yellow Green Fluid
Kinematic Viscosity	
mm ² /s @ -20°C	25
mm ² /s @ 0°C	9.2
mm ² /s @ 40°C	2.5
pH value	9.7
Specific gravity, @ 15.6°C	1.07
Pour Point, °C	<-25
Product Code	

*The information prepared provides the typical properties that are considered as representative. Some variation which will not affect performance is possible

HEALTH AND SAFETY, ENVIRONMENT

The information on this product is available in the ENOC Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information, we recommend you review the MSDS. Handled correctly there are no special precautions suggested.