

Erifon BOP PLONOR

Hydraulic and BOP Control Fluid Concentrate

General Description

Erifon BOP PLONOR has been specially formulated for use in extremely environmentally sensitive areas of the world's oceans. It has been manufactured purely from chemicals known to pose little or no risk to the marine environment. Erifon BOP PLONOR is a hydraulic fluid concentrate, formulated for use at concentrations at 10% w/w (dependent on application) in water glycol mixtures.



The beige concentrate disperses easily on dilution with minimal agitation, forming a stable milky emulsion. The diluted product, exhibits excellent extreme pressure and anti-corrosion properties. These features make Erifon BOP PLONOR an ideal hydraulic operating medium for equipment designed for water based fluid.

Salient Features

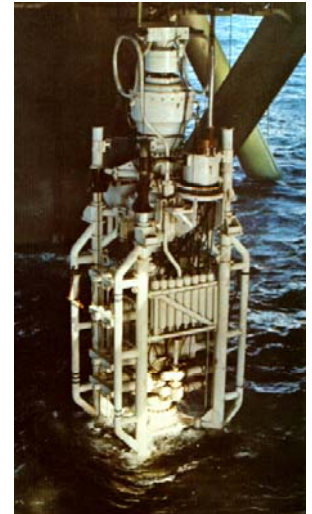
Dilution ratio As Erifon BOP PLONOR is used at dilution ratios as low as 10% with fresh water and ethylene glycol it is very economical to use compared to non-dilutable alternatives, even when system losses due to leakage are high. Storage space and transportation costs are also minimized. The operating dilution does not, however, mean that performance has been compromised in any way. Erifon BOP PLONOR contains a sophisticated additive package to ensure that safety and reliability of the hydraulic system are maintained.

Low Toxicity

Erifon BOP PLONOR does not require testing with OSPAR as it is manufactured using chemicals from the BOP PLONOR list. This ensures there is a minimum effect on the environment even when leakage is high.

Material Compatibility

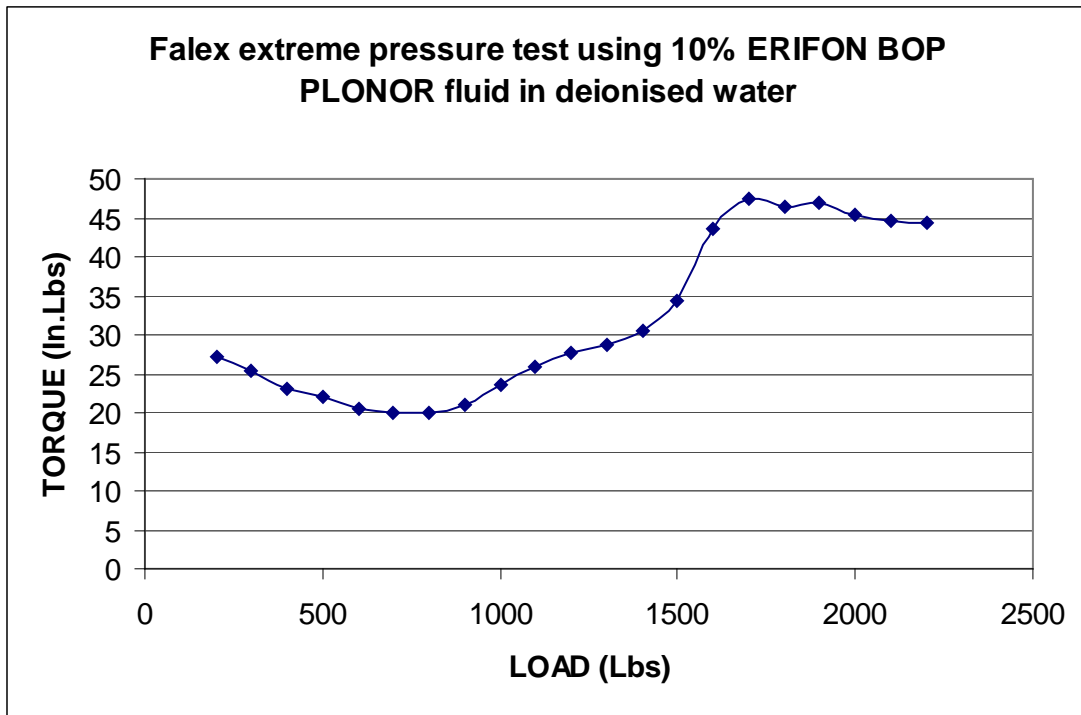
Erifon BOP PLONOR can prevent corrosion of ferrous metal alloys and is not expected to be aggressive to polymers used in standard BOP equipment.



Physical Properties

Appearance	Beige translucent liquid
Viscosity (cS) @ 25°C = 77°F 40°C = 104°F	181cS 111cS
Pour Point	< -20°C (-4°F)
Specific Gravity @ 15.6°C (60°F)	1.130
pH	9.5 – 10.0

A graph to show the excellent extreme pressure performance of Erifon BOP PLONOR in distilled water



Other Important Features

- No apparent incompatibility issues observed when Erifon BOP PLONOR in concentrated or diluted form is mixed with other Erifon BOP fluids HD 603 HP or HD 603N.
- Erifon BOP PLONOR concentrate should be stored in a cool place out of direct sunlight.
- The fluid should not be exposed to make-up water containing calcium hypochlorite tablets (sometimes used to prepare potable water).

Information given in this publication is based upon technical data gained in our own and other Laboratories and is believed to be true. However the material is used in conditions beyond our control thus we can assume no liability for results obtained or damages incurred through the application of the data presented herein.

