

TECHNICAL DATA SHEET

AQUALINK HT804F VER2

HIGH TEMPERATURE PRODUCTION CONTROL FLUID

COMPLIANT WITH GLOBAL ENVIRONMENTAL REQUIREMENTS.

Aqualink HT804F ver2 water based subsea hydraulic control fluid has been formulated to meet a tier 1 HP/HT fluid, suitable for wells with reservoir pressure greater than 10,000 psi to 15,000 psi (689 bar to 1,034 bar), and with temperatures up to 350 deg. F (177 deg. C).

Aqualink HT804F ver2 is a ready-to-use, biodegradable, water glycol control fluid that has been formulated for use in both conventional and high temperature oil and gas production wells.

The viscosity and pour point of Aqualink HT804F ver2 has been specially developed to meet the requirements of direct or multiplex electro-hydraulic control systems operating over very long distances providing optimum reliability, thermal stability, improved lubricity and fast hydraulic response times.

2.6 x 10⁹ N/m²

Applications

AQUALINK HT804F VER2 is used in subsea production control systems. It is used neat and has low viscosity, high lubricity and high temperature stability.

Benefits

- Environmentally acceptable for maximum discharge
- Exceeds US-EPA toxicity requirements as specified in NPDES permit for subsea control fluids.
- Fluorescent leak trace dye.
- Designed to meet the requirements of the latest subsea equipment in high temperature, high pressure wells
- Thermal stability up to 160°C
- Excellent ferrous and non ferrous corrosion protection even in the presence of seawater
- Improved compatibility with completion brines
- Compatible with Potassium Formate, Calcium Bromide, Zinc Bromide and Calcium Chloride.
- Resists glycolic and hydrochloric acid
- Excellent lubricity characteristics
- Resistant to bacterial and fungal growth
- Fully compatible with current Water based Subsea Control Fluids
- D rating with Cefas (UK) and Yellow with Add Novatech (Norway). No Sub warnings.

Health, Safety and Handling

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control - we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.

Typical Physical Properties

PROPERTY	TYPICAL VALUE
Appearance	Fluorescent Pink, Transparent
Typical pH in use	9.5
Density g/cc	1.07
pH Neat	9.5
Kinematic Viscosity	
@ 40°C, cSt	2.3
@ 4°C, cSt	7.3

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