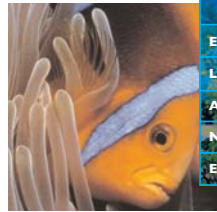


# The Hi-tech Drilling Fluid

## EDC 95-II

*An environmentally friendly product*

- Toxicity data for frequently used fluids



	Algae Skeletomnema Costatum EC50 mg/l	Herbivore Acartia Tonsa LC50 mg/l	Sediment Reworker Corophium Volutator EC50 mg/l	Biode- gradability
ESTER	3 170	> 1 000	> 1 000	80%
LAO	> 100 000	> 41 223	470	75%
ACETAL	> 100 000	> 100 086	NA	80%
N-PARAFFIN	10 000	10 000	> 1 000	35%
EDC 95-II	> 100 000	> 43 000	1 211	77%

NA : Not Available

## EDC 95-II

*Technical characteristics*

Typical values	Methods	Properties	Methods	Typical values
814 kg/m <sup>3</sup>	NFT 60172	Density at 15°C / 60°F	Calculation	6.78 lb/gal
118°C	NFM 07019	Pensky Martens Flash Point	ASTMD 93	244°F
3.5 mm <sup>2</sup> /sec	NFT 60100	Viscosity at 40°C / 104°F	ASTMD 445	3.5 cst
0.00%	UV method NFM 07002	Aromatics / weight Distillation Range	UV method ASTMD 86	0.00%
255°C		Initial boiling point temperature		491°F
325°C		End boiling point temperature		617°F
- 27°C	NFT 60105	Pour point	ASTMD 97	- 16°F
91°C	NFM 07021	Aniline point	ASTMD 611	196°F
< 1 mg/l		Solubility in water		< 1 mg/l

*These data correspond to our current understanding. They are supplied as a guide.  
They are not guaranteed to be exhaustive, nor free of error. Should you need any further information, please contact us.*

# The Hi-tech Drilling Fluid

**TOTAL SPECIAL FLUIDS**  
*are sold all over the world*



### LONDON

TOTAL (UK) LTD  
40 Clarendon Road  
Watford Herts WD1 1TQ  
Tél : (44) 1923 69 4000  
Fax : (44) 1923 69 4400

### PARIS

TOTAL FLUIDES SA  
51, Esplanade du Général de Gaulle  
La Défense 10  
92907 Puteaux - France  
Tél : (33) 1 41 35 45 41  
Fax : (33) 1 41 35 52 90

### SINGAPORE

TOTAL OIL SEA  
331, North Bridge Road 23-01  
Odeon Towers  
Singapore 0718  
Tél : (65) 879 2200  
Fax : (65) 879 2204



**TOTAL**



# Drilling Base Fluid

EDC 95-11  
The Hi-Tech Drilling Fluid



Crédit photos : Rig - Page de couverture - Document Total - Photographie : LARRY JEAN DOMINIQUE / RIG - Page 2 - Document Total - Photographie : LUCAS JACQUES - SCOPIMAG  
Opérateur - Page 3 - Document Total - Photographie : DIMONT CHARLES - SCOPIMAG / Poisson - Page 5 - Document Total - Photographie : YOUTO BPC 10/2004



**TOTAL**

# The Hi-tech Drilling Fluid

## EDC 95-II The Benchmark



• EDC 95-II is the benchmark drilling fluid for the Exploration & Production industry. It has been the fluid of choice for in excess of **5000 wells** drilled all over the world, a record unchallenged by any other drilling fluid.

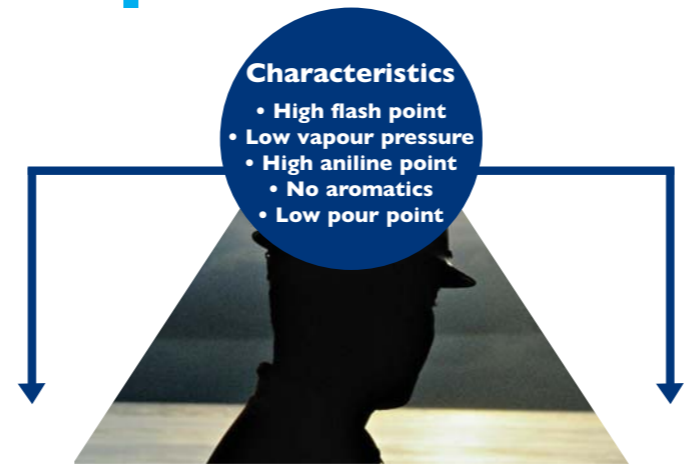
**Designed for operator safety & comfort**

## EDC 95-II Clean, Odourless & Innocuous

• The development of safe, non-toxic drilling fluids has long been the priority of Total Special Fluids division. EDC 95-II is designed to deliver optimal drilling performance as well as the characteristics required for a safe working environment.

# The Hi-tech Drilling Fluid

## EDC 95-II A hi-tech drilling fluid optimised for a safe & healthy working environment



## EDC 95-II

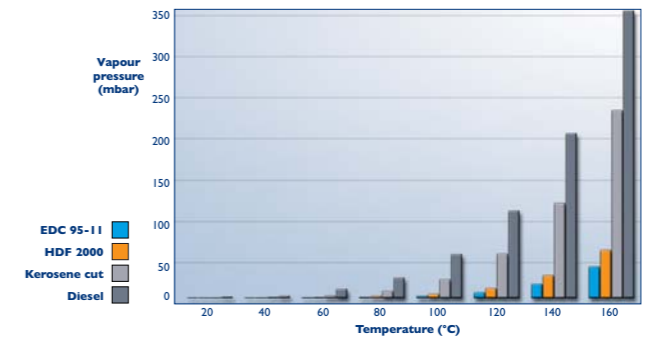
• EDC 95-II satisfies the criteria for indirect contact with foodstuff (the FDA / BGA Standard). It is a non-carcinogenic product with a low vapour pressure, ensuring extremely low levels of toxicity at all times.

## EDC 95-II & Operator Safety

• EDC 95-II is non-explosive at normal operating temperatures. Its high aniline point makes it completely inert to rubber parts, maintaining the integrity of crucial equipment such as blow out preventors & downhole equipment.

# The Hi-tech Drilling Fluid

## EDC 95-II Safe for the working environment



• EDC 95-II has been developed to exhibit extremely low vapour pressure. This characteristic ensures safe working conditions, with very low odour and extremely low fume emissions.

## EDC 95-II Stable viscosity across a wide range of temperatures & pressures

