

# Drilling fluids



## Highly refined fluids

### TYPICAL VALUES

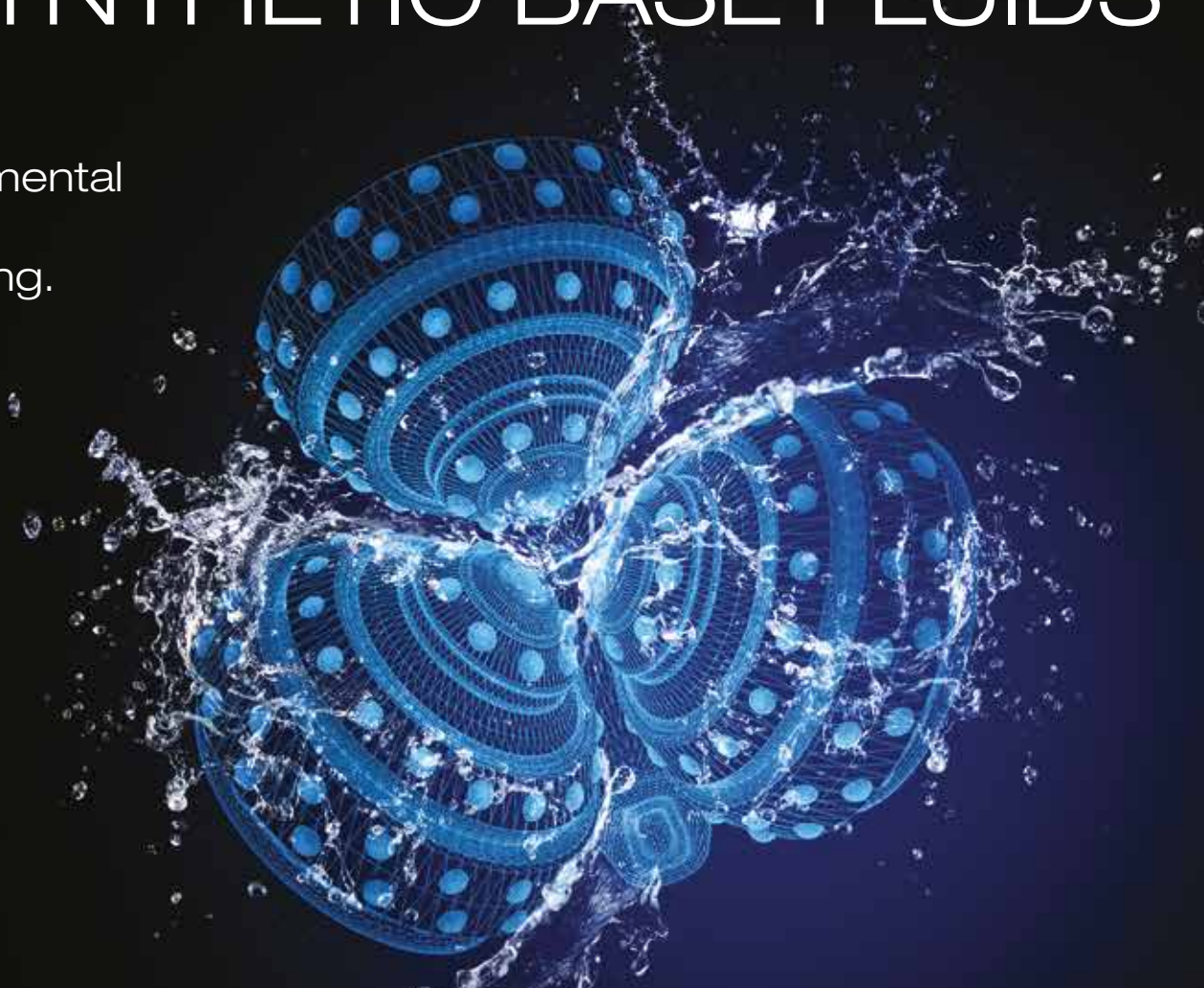
PROPERTIES	UNITS	METHODS	Dearomatised products Synthetic base fluids		
			EDC 99 - DW	EDC 95 - 11	EDC DIAMOND
<b>DENSITY AT 15°C (59°F)</b>	kg/m <sup>3</sup>	ISO 12185	816	814	813
<b>SAYBOLT COLOR</b>	Saybolt color unit	ASTM D156	+30	+30	+30
<b>BOILING RANGE :</b>					
- INITIAL POINT	°C (°F)	ASTM D86	230 (446)	250 (482)	236 (457)
- FINAL POINT			270 (518)	330 (626)	300 (572)
<b>FLASH POINT :</b>					
- PM	°C (°F)	ASTM D93	104 (219)	120 (248)	105 (221)
<b>AUTOIGNITION TEMPERATURE</b>	°C	ASTM E659	>220 (>428)	>220 (>428)	>220 (>428)
<b>POUR POINT</b>	°C	ASTM D97	-36 [-32.8]	-23 [-9.4]	-35 [-31]
<b>VISCOSITY :</b>					
- AT 20 °C	mm <sup>2</sup> /s	ASTM D 445	3.6	5.9	4.2
- AT 40 °C			2.4	3.6	2.7
<b>ANILINE POINT</b>	°C (°F)	ASTM D611	79 (174)	90 (194)	83 (181)
<b>SOLUBILITY IN WATER</b>	mg/L	OECD TG 105	<1	<1	<1
<b>VAPEUR PRESSURE: - AT 20°C</b>	mbar	Calculated	0.0230	0.0030	0.0200
- AT 80 °C			1.9000	0.4100	1.5000
<b>AROMATIC CONTENT</b>	mg/kg (ppm)	UV Internal method	25	50	40
<b>SULPHUR CONTENT</b>	ppm	ASTM D 5453	<1	<1	<1
<b>ECOTOXICITY</b>					
<b>SKIN IRRITATION</b>	-	OECD 404	non irritant	non irritant	non irritant
<b>EYES IRRITATION</b>	-	OECD 405	non irritant	non irritant	non irritant
<b>BIODEGRADABILITY</b>	%	OECD 306	74	74	74
<b>CARBON CHAIN LENGTH HSPA</b>			C13-C16	C15-C20	C13-C16
<b>C.A.S. NUMBER</b>			64742-46-7 [R]	64742-46-7 [R]	64742-46-7 [R]
<b>EC NUMBER</b>			934-954-2	934-956-3	934-954-2

Data provided in this table is issued in good faith to the best of our knowledge, but no warranty, expressed or implied is given.

\*R: Related C.A.S. number

# EDC SYNTHETIC BASE FLUIDS

The best environmental  
choice for high  
performance drilling.



**TOTAL**  
COMMITTED TO BETTER ENERGY