

Highly refined fluids



Drilling fluids

Typical values

PROPERTIES	UNITS	METHODS	EDC 99-DW	EDC 95-11
DENSITY AT 20°C	kg/m3	EN ISO 12185	811	814
COLOUR	-	ASTM D156	+30	+30
BOILING RANGE	°C	ISO 3405	230-270	250-330
FLASH POINT PM	°C	ASTM D93	101	115
AUTOIGNITION TEMPERATURE	°C	ASTM E659	>230	>230
POUR POINT	°C	ASTM D97	-51	-27
VISCOSITY : - AT 20°C	cSt	ISO 3104	3,5	5,5
- AT 40°C			2,3	3,5
ANILINE POINT	°C	EN ISO 2977	80	91
SOLUBILITY IN WATER	mg/l	OECD TG 105	<1	<1
VAPOUR PRESSURE : - AT 20°C	mbars	calculated	0,030	0,003
- AT 38°C			0,150	0,021
- AT 80°C			2,230	0,430
AROMATIC CONTENT	%	TOTAL IL 014	0,0005	0,0028
TOTAL PAH CONTENT	ppm	GC/MS	0	0
BTEX CONTENT (BTEX = Benzene - Toluene - Ethylbenzene & Xylene)	ppm	GC/MS	0	0
SULPHUR CONTENT	ppm	ASTM D5453	<1	<1
ECOTOXICITY				
SKIN IRRITATION	-	OECD 404	non irritant	non irritant
EYES IRRITATION	-	OECD 405	non irritant	non irritant
BIODEGRADABILITY	%	OECD 306	100	77
COROPHIUM VOLUTATOR (EC50 /10 DAYS)	mg/l		1 880	1 211
COPEPOD ACARTIA TONSA (48 HR LC50)	mg/l		>69 000	22 650
ALGAE SKELETONEMA (72 HR EC50)	mg/l		>100 000	>100 000
C.A.S NUMBER			64742-46-7	64742-46-7
E.I.N.E.C.S / EEC NUMBER			265 148 2	265 148 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.

