

Escaid 110

ESCAID 110 is used to oil-base fluids for drilling and completion applications

Typical Physical Properties

Physical appearance.....	light amber
Specific gravity	0.800
Kinematic viscosity (50°C, mm ² /min)	4.5-5.5
Flash point, °C	70
Pour point °C, max	-60
Anilic point °C	75
Aromatic contain, % vol, max	2

Applications

ESCAID 110 is used to oil-base fluids for drilling and completion applications in concentrations of between 60-90%. When used as part of the solution, the product provides low coefficients of friction, high stability of solutions, less operating time of the solid phase and high wellbore stability in the intervals of active and/or unstable clay interlayers, or intervals of salt deposits. When used in low temperature conditions, before preparation of a solution it is recommended to preheat the oil or solution to +40...50 C to reduce the time of pumping liquid and delivering project rheological parameters of the solution. For the preparation of oil-base fluids with a stable emulsion and high electrical stability, it is recommended to use the industrial hydraulic dispersant type DG-40 (or similar) binded with drilling pump and providing speed of the expiration of the nozzles nite 7...10 mm to 80 to 120 m/sec.

Advantages

- Low viscosity
- Low temperature thickening
- Low evaporation and combustibility
- Low toxicity

Limitations

- Should be needed in full accordance with environments laws the use of oils and oil-base

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Toxicity and Handling

Handle as an industrial chemical, wearing protective equipment and observing the precautions as described on the Material Safety Data Sheet (MSDS).

Packaging and Storage

ESCAID 110 is supplied in plastic IBCs (1000 litres), in bulk.

Store in a dry location away from sources of heat or ignition.

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