



## FILTRATION SERVICES

# FILTRATION CONSUMABLES: DIATOMACEOUS EARTH FILTER MEDIA

Diatomaceous Earth (D.E.): is used as a filter medium and very suitable for water treatment and completion fluids.

Diatomaceous Earth consists of fossilized remnant of diatoms, algae with distinctive, transparent cell walls made of silicon dioxide. For good filtration you need a filter aid which is chemically inert and forms a high porosity filter cake to maintain the free flow of the liquid, diatomaceous earth is an excellent filter aid. We provide Diatomaceous earth (DE) that have all the properties a diatomite needs; high surface area, chemically inert, low density, high porosity, absorptive capacity. The combination of DE filtration in series with 2 microns absolute glass fiber pleated cartridges, will give an optimum performance for filtration of completion fluids.

## FILTRATION SERVICES FEATURES

- **Type:** Dicalite DE5000
- **Physical form:** Dry powder
- **Permeability:** 210 - 230 (4.4-5.3 Darcy)
- **pH:** 9,0 - 10,5
- **Specific gravity:** 2,33
- **Weight per bag:** 22.68 kg
- **Package per pallet:** 39 bags per pallet
- **Truck load:** Maximum of 22 pallets per truck

