

INFORMATION

OILTONE-3

NON-ASPHALTIC FILTRATION AGENT

DESCRIPTION

OILTONE-3 is an oil-dispersible, powdered material designed for effective fluid loss control in oil-base and invert emulsion mud systems. OILTONE-3 is a chemically altered, organophilic lignite and contains no asphalt or asphalt derivatives.

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| Form | Black, free-flowing powder |
| Moisture Content | 8 - 10% |
| Bulk Density | Compacted, 55 lb/cu ft Uncompacted, 50 lb/cu ft |
| Solubility | In oil Highly dispersible to slightly soluble In water Insoluble and hydrophobic |

APPLICATION

OILTONE-3 provides quick and effective reduction of excessive fluid loss in diesel and mineral oil systems and retains its effectiveness at high bottom-hole temperatures. Additional benefits of OILTONE-3 include improved emulsion stability, increased tolerance to contamination, better high temperature stability, improved suspension, and more stable rheological properties.

RECOMMENDED TREATMENT

OILTONE-3 is for use in oil-base and invert emulsion muds and can be added directly to the system through the hopper. Typical treatment levels are 2-10 ppb, depending upon the desired level of control, type of system used, and bottom-hole temperature. OILTONE-3 can be used in many types of systems including mineral oil muds, diesel muds, 100% oil-phase muds, coring fluids, and oil-base workover and completion fluids. It is compatible with all types of emulsifiers, oil-wetting agents, and oil mud viscosifiers in current use.

OILTONE-3 can be used effectively at bottom-hole temperatures up to 400° F and applications at even higher temperatures are possible through use of a special "slug treatment" regime.

PACKAGING

OILTONE-3 is packaged in multi-wall bags with polyethylene liners.

OILTONE-3 is a Messina trademark