

INFORMATION

FILTROL-LV

LOW VISCOSITY CARBOXYMETHYLATED POLYMER

DESCRIPTION

FILTROL-LV is an economical water soluble polymer that imparts excellent filtration control in fresh to salt saturated drilling muds with no addition to viscosity. FILTROL-LV is extremely soluble, disperses readily and mixes without lumping.

APPLICATION

FILTROL-LV is a cost-effective mud additive for controlling API water loss in a variety of drilling fluids. It is effective over a wide pH range (6 to 11), unaffected by the common cations found in mud systems, temperature stable up to 250° F, and is non-toxic. FILTROL-LV meets the OCMA (Oil Companies Material Association) Specification DFCP-2 for low viscosity CMC as a filtrate reducer. The product can be used in heavier muds for filtration control because of its negligible effect on viscosity.

RECOMMENDED TREATMENT

The addition of FILTROL-LV to the drilling fluid will generally depend upon the type of mud system and filtrate reduction required. Typical concentrations range from 2 to 6 ppb (6 to 18 kg/m³).

EVALUATION OF FILTROL-LV

Graphs for API filtrate loss and apparent viscosity of FILTROL-LV in saturated salt water mud (Figure 1) and seawater mud (Figure 2), according to OCMA Specifications No. DFCP-2, revised October 1973, are shown on the following page.

PACKAGING

FILTROL-LV is normally packaged in 25 kg or 50 lb export quality bags. Special packaging, unitization, etc., is available on request.

FILTROL-LV is a Messina trademark