



Product Data Sheet (PDS)

KI-42 L Deflocculant

PRODUCT FEATURES:

It has synthetic Polymeric base product provides effective rheology control for water base Drilling fluids for high temperature applications.

PRODUCT DESCRIPTION:

KI- 42 L Deflocculant is a unique low molecular weight Liquid polymeric compound. It is highly effective thinning agent and deflocculating agent for Oil filed segment. **KI-42 L** deflocculate /disperse drilling mud effectively and gives lubricity too. It has excellent thermal stability at high temperature drilling in the oil filed applications.

TYPICAL SPECIFICATIONS :

Appearance	Pale yellow to light brown Liquid
Sp. gravity @ 20 °C	1.25 ~ 1.27 g/cc.
pH @ 20 °C	6 ~8
Solubility	Soluble in Water

APPLICATION :

KI-42 L is recommended for high temperature application where it can replaces traditional deflocculants like, Tannin and Lignosulfonate which degraded at higher temperature. **KI-42 L** gives maximum de flocculation and shear strength reduction at low concentration in wide range of water base mud system at any pH range, including high salinity fluid. It is advisable to contact our Technical Representative for evaluation of the system prior to application of the corrosion inhibitor.

SAFETY / PACKING :

KI- 42 L is available in 250 kg drums and in bulk packing on special request. Safe Handling of **KI-42 L** is recommended in MSDS which is available on request.