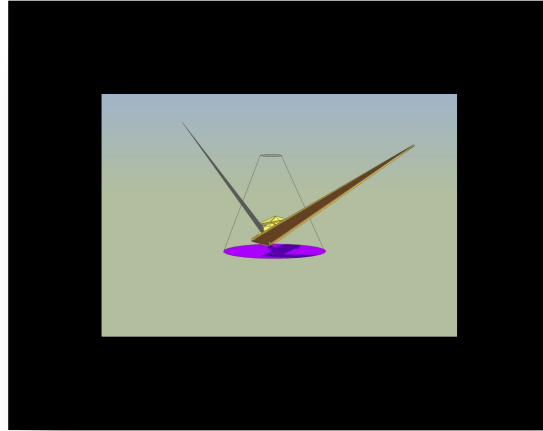


UNIQUE DRILLING FLUIDS

1222 Commerce St. STE. 2417 Dallas TX 75202: T:214-741-1100: F:214-741-1755 info@uniquedrillingfluids.com

Product Data



U-PAC-LV

Water Base Biopolymer/Fluid Loss Additive

U-PAC-LV is a polyanionic cellulose material known for its polar organic acid reactive functional groups. The solubility and reactivity of the biopolymer imparts filtration control in water base drilling fluids without excessively increasing viscosity. **U-PAC-LV** is salt tolerant and provides shale inhibition. The degree of substitution and purity is critical when choosing the right PAC for your drilling process. **U-PAC-LV** provides a minimum of 0.90 D.S., a 98% maximum purity and a minimum of 30 centipoise apparent viscosity. **U-PAC-LV** is an ideal environmentally- friendly recommendation for your WBM system.

APPLICATION

U-PAC-LV is used in basic and complex WBM formulations. It imparts fluid loss control, shale inhibition at 2-5 kg/liter depending on field conditions. It should be added slowly to prevent fish eyes from forming.

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Table 1. Displays purity grades of **U-PAC-LV**, fluid loss at 2-5kg loading dependent on field conditions, AV and degree of substitution.

Purity	Fluid Loss (ml)	Apparent Viscosity (cp)	Degree of Sub
98%	11	30	0.90 min
95%	12	40	0.90 min

PACKAGING

U-PAC-LV is packaged in 25 kg or 50 pound bags. It is advised that the material be stored in well-ventilated dry areas.

ATTN: U-PAC-LV is not confined to the purity grades listed above. In fact if a clients specification requires a less pure or technical grade we can surely provide it at an economical cost savings to you. Contact Unique Drilling Fluids at info@uniquedrillingfluids.com for more information.

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