

# EnduraCap L

## Encapsulating polymer additive

### APPLICATIONS

- Use in water and brine solutions
- Clear water to low-solids drilling

### ADVANTAGES

- Greatly enhances the removal of drill solids
- Improves ROP

### LIMITATIONS

- Hardness >200 mg/L may require product concentrations toward the upper end of the recommended product concentration
- Working temperature is limitation ≤400 degF [≤204.4 degC]

EnduraCap L\* encapsulating polymer additive is ideally suited for water and brine solutions.

Normal concentrations of EnduraCap L additive range from 0.03 to 0.10 galUS/bbl [0.26 to 0.88 lbm/bbl] with a maintenance treatment level of 1.0 to 4.0 galUS [3.79 to 15.14 L] for every 100 ft [30.48 m] of hole drilled.

EnduraCap L additive should be added through the hopper or directly into an agitated pit to ensure a uniform distribution of the polymer. It can also be premixed with water or brine and used in a polymer injection unit to aid in efficiency of solids removal by centrifuge.

It should not be used when drilling with a viscosified or weighted system because it can have adverse reactions with other system components.

### Toxicity and handling

Bioassay information is available upon request. Handle as an industrial chemical, wearing protective equipment and observing the precautions as described in the SDS.

### Packaging and storage

EnduraCap L additive is available in 55-galUS [465-lbm] drums and 5-gaUS [42 lbm] plastic pails. Store in a dry, well-ventilated area. Keep container closed. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink wrapping, or stacking.

### Typical Physical Properties

Physical appearance	Off-white liquid
Specific gravity	1.05
pH (100% solution)	8.0
Solubility in water	Slightly soluble in water