



EC-900-C

Scale Inhibitor Concentrate

EC-900-C is a modified and fortified phosphate ester scale inhibitor. **EC-900-C** is excellent at inhibiting most scales, and is soluble in most oilfield brines. Unlike other products, **EC-900-C** will tolerate exposure to 275°F for up to two hours (the upper temperature limit for long-term exposure is 200°F, preferably 180°F).

TYPICAL PHYSICAL PROPERTIES:	
Physical State:	Clear Viscous Liquid
Density @ 60°F:	12.5 to 13.3 lbs/gal.
Specific Gravity @ 60°F:	1.50 to 1.60
Flash Point (TCC):	>200°F
pH:	1.0 to 1.5
Pour Point:	<0°F
Viscosity, Kinematic @ 122°F	75 cst/350 sus
Solubility in H ₂ O:	Soluble
Solubility in Oil:	Insoluble

Formulated **EC-900-C** is intended to be used in continuous injection applications, such as pipelines, flowlines and surface facilities. It is not intended for formation squeeze applications. The recommended injection rate for field-strength inhibitor will depend on the field-strength formulation, the severity of the scale problem, and the concentration of cations (Ca⁺⁺, Sr⁺⁺, Ba⁺⁺). When the scale problem is due to commingling incompatible waters, **EC-900-C** should be added to the water with the

most cations prior to commingling.

Field-strength is normally 15% to 25% **EC-900-C** in water or aqueous-solvent systems, however the product can be winterized with alcohol or glycol. **EC-900-M** is a 15% active field strength dilution of **EC-900-C**. In addition, **EC-900-C** can be formulated with corrosion inhibitors or neutralized if required. Compatibility and physical properties should be determined prior to application.

EC-900-C and any formulations should be stored in plastic or stainless steel. Mild steel storage is not recommended.