



# EC-1190-C

## Demulsifier Concentrate

**EC-1190-C** is a multi-purpose demulsifier designed for primarily refinery desalting. **EC-1190-C** works rapidly to remove entrained salt in crude oil that can cause corrosion in refinery overheads. In addition, **EC-1190-C** facilitates excellent oil/water separation in a wide range of oils from very heavy to condensates. **EC-1190-C** is effective in treating tank bottoms, and works equally well in both paraffinic and asphaltic crudes.

### TYPICAL PHYSICAL PROPERTIES:

<b>Physical State:</b>	Dark Amber Liquid
<b>Density @ 60°F:</b>	7.9 to 8.75 lbs/gal.
<b>Specific Gravity @ 60°F:</b>	0.95 to 1.05
<b>Flash Point (TCC):</b>	>140°F
<b>pH:</b>	10.0 to 12.0
<b>Pour Point:</b>	<0°F
<b>Viscosity:</b>	<100 cP
<b>Solubility in H<sub>2</sub>O:</b>	Insoluble
<b>Solubility in Oil:</b>	Soluble

Besides typical demulsification applications, uses for **EC-1190-C** include tank treating, desalting and tank bottoms removal. Tank treating can be either continuous as the tank fills, or batch. Tank bottoms removal is typically batch. Desalting applications are generally continuous. **EC-1190-C** formulations are typically between 20% and 50% active, with the most usual range being 25% to 40%.

**EC-1190-C** can be formulated into paraffin inhibitors, dispersants and corrosion inhibitors

to help eliminate emulsion tendencies in surface active formulations. **EC-1190-C** is usually formulated with highly aromatic solvents. Occasionally, alcohol must be added to help **EC-1190-C** couple with a lower than 90% aromatic solvent.