



EC-5009-C

Demulsifier Concentrate

EC-5009-C is designed to effectively demulsify a large variety of crude, processed, and refined oils. Besides demulsification and desalting of crude oil, **EC-5009-C** is very effective in tank treating and paraffin dispersing products. Another strength of **EC-5009-C** is the treatment of slop and tramp oil emulsions in both refinery and industrial settings. **EC-5009-C** enhances other demulsifier formulations through effective solid and salt removal. Interfaces can be controlled by the addition of **EC-5009-C** to some demulsifier formulas.

TYPICAL PHYSICAL PROPERTIES:	
Physical State:	Dark Amber Liquid
Density @ 60°F:	8.35 to 8.45 lbs/gal.
Specific Gravity @ 60°F:	1.00 to 1.01
pH:	10 to 11.5
Pour Point:	40°F
Viscosity @77°F:	3,000 to 8,000
Solubility in H ₂ O:	Insoluble
Solubility in Aromatic Solvent:	Soluble
Solubility in Aliphatic Solvent:	Insoluble
Solubility in Isopropyl Alcohol	Soluble

For most applications, **EC-5009-C** needs dilution; aromatic solvents are best. The majority of formulations will require between 25% and 35% strength, although some applications may require as much as 50% strength. In a number of applications, better effectiveness is obtained when **EC-5009-C** is formulated with other surfactant and demulsifier intermediates.

Application of a field-strength formula containing **EC-5009-C** should be at the point of easiest application where the most mixing can be obtained. Formulas containing

EC-5009-C work best in well agitated applications followed by a period of quiescence to allow separation. Application rates will range from 6 ppm to 20 ppm in desalting, 100 ppm to 5,000 ppm in slop oils and between 25 ppm and 150 ppm in crude oil dehydration.