



# JET STIM 8052

## MISCIBLE SOLVENT

### GENERAL DESCRIPTION

JET STIM 8052 is a proprietary blend with a carefully selected aromatic solvent designed to perform several functions when used with oilfield acids or in the acidizing of oil, gas, or injection wells. The aromatic solvent portion of the blend is used to solubilize unwanted asphaltene or paraffin deposits in the formation, allowing the JET STIM 8052 miscible solvent system to strip away hydrocarbons from the acid soluble material, allowing faster and more efficient contact.

In addition, JET STIM 8052 lowers the surface tension of the acid system to below 30 dynes per square centimeter and greatly improves the measured interfacial tension, resulting in better and faster clean-up of the formation.

### APPLICATION

JET STIM 8052 may be used by itself for stripping and dissolving asphaltene and/or paraffin deposits in the wellbore or matrix while leaving the inorganic deposits and rock formation in the preferred water wet state. There is a distinct advantage in using JET STIM 8052 as a preflush in wells with hydrocarbon insoluble damage prior to acidizing.

JET STIM 8052 will strip and solubilize the insoluble hydrocarbons and leave the acid soluble surface water wet for more effective and efficient acidizing. This product is also extremely effective in the clean up of water injection wells or removing damage caused by the use of oil-based drilling fluids. JET STIM 8052 can also be used effectively with 15% or 28% HCL, mud acid or acetic acid to remove damage from the wellbore or matrix caused by organic or inorganic constituents.

### HANDLING

The product(s) described herein may require precautions in handling and/or use because of toxicity, flammability or other considerations. See MSDS for specific instructions.

### TYPICAL PHYSICAL PROPERTIES

Specific Gravity 60°F	0.810
Density, 60°F	6.75
Flash point	47°F
Pour Point	-30 °F
Appearance	Colorless Liquid

### CONCENTRATION FOR TOTAL MISCIBILITY

HCL Strength	JET STIM 8052
%	% by Vol.
7.5	90
10.0	88
15.0	81
20.0	81
28.0	81
25.0 Acetic	81
15.0 Formic	81

### MISCIBILITY IN TREATING FLUIDS (20% Test Fluid and 80% JET STIM 8052)

15% HCL	Miscible
28% HCL	Miscible
3% HF/HCL Mud Acid	Miscible
Acetic Acid	Miscible
Formic Acid	Miscible
Fresh Water	Miscible
Brine Water	Immiscible
15.0 Formic	Immiscible

### AVAILABILITY

JET STIM 8052 is available in bulk, 55 gallon drums and 5 gallon pails.