ALTACHEM Ltd.

Industrial & Oilfield Chemicals

FOAMERS C/W ASPHALTENE DISPERSANTS

HOW DOES FOAM INCREASE GAS PRODUCTION?

When a gas well is loaded with liquid, the reservoir pressure is unable to flow all the liquid from the well in the form of liquid droplets. With the addition of chemical foamers, the liquid droplets become foam droplets, thereby requiring a much lower reservoir pressure to lift the gas.

ASPHALTENE PROBLEMS?

Asphaltene problems can significantly affect well/lease profitability, causing troublesome operational issues, damaging formations and decreasing production. The main problem associated with asphaltenes is the plugging of perforations. Understanding the nature of asphaltenes, the conditions that lead to their becoming problems and solutions for controlling them are important.

| FLOWSOLVE 100 | | A economical blend of dispersants and surfactants, designed specifically |
|-----------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NO. | <u>SIZE</u> | to prevent asphaltene buildup in tubular, production and flow line |
| | | equipment, as well as aiding in unloading produced water from gas wells |
| ACL-FLS100-20 | 20 LITRE PAIL | depending on composition of fluids. |
| ACL-FLS100-205 | 205 LITRE DRUM | Winterized |
| ACL-FLS100-1025 | 1025 LITRE TOTE | NOTE: For more information see Technical Data Sheet |
| FLOWSOLVE 125 | | A concentrated blend of dispersants and surfactants, designed |
| PART NO. | SIZE | specifically to prevent asphaltene buildup in tubular, production and flow line equipment, as well as aiding in unloading produced water from gas |
| | | |
| ACL-FLS125-20 | 20 LITRE PAIL | wells depending on composition of fluids. |
| ACL-FLS125-205 | 205 LITRE DRUM | Winterized |
| ACL-FLS125-1025 | 1025 LITRE TOTE | NOTE: For more information see Technical Data Sheet |
| FLOWSOLVE 150 | | A highly concentrated blend of dispersants and surfactants, designed |
| PART NO. | <u>SIZE</u> | specifically to prevent asphaltene buildup in tubular, production and flow line equipment, as well as aiding in the unloading of produced water from gas |
| | | |
| ACL-FLS150-20 | 20 LITRE PAIL | wells depending on composition of produced fluids. |
| ACL-FLS150-205 | 205 LITRE DRUM | Winterized |
| ACL-FLS150-1025 | 1025 LITRE TOTE | NOTE: For more information see Technical Data Sheet |

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