



VME-120[®] EOR

From Complus Trading North America LLC

Usage Instructions

VME-120 is a microemulsion product with nano particles with 10 – 15 nano meters. This is a Bull Head application for stimulation. Best for Chalk formations and limestone. Temperature limits at 250F or 121C. This works best in conventional formations in normal stimulations and in water floods. This product is available in a high temperature formula VME-120H.

Product Dilution

Mix VME-120 at 3 to 4 GPT directly into 2% to 3% True KCL (**No Substitute KCL should ever be used**).

How to use it

- VME-120 is to be pumped directly into the formation using the normal pumping methods used for Well Stimulation.
- Soak times range between 7 to 14 plus days at a minimum.
- Once the optimum Soaking Period has been met the well flow should only be opened to a maximum of Flow Rate of a 30% capacity for the next 2 months. The Flow Rate should gradually be opened to full flow over the next 2 months. This process will help insure, that the VME-120 stays working in the formation and is not passed out immediately during of the oil recovery process.



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Important Notes

Note: In reviewing well stimulating programs always consider the review of the well's core analysis data to understand each well's Clay content within the formation. If Clay is found in the Formation, then a 2 to 3% KCL (Potassium Chloride) should be used as a dilution with the water volume to prevent most Clays from swelling and inhabiting the oil flows. In cases where high levels of Smectite are found in the well's formation (Volumes Greater than 8%), then use our products are best used in conjunction with PHPA, or displaced with Nitrogen or CO₂, during the stimulation process.

Note: Each product above will change the formation's rock from Oil Wet to Water Wet or are offered in specific products that will change the rock from Oil Wet to Water Wet.



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