

OCL-MF Multi-hydrogen Acid

Product Description

Multi-hydrogen acid is a kind of multi-grade acid system to meet the requirement of deep acidizing operation. It is a kind of retarder, which has the function of multi-grade ionization. There are several H^+ on the body of the molecular of multi-hydrogen acid, and the activities of those H^+ are different according to their situation but the H^+ on each grade is similar. When it was used, with the effect of the condition of formation, the more active grade of H^+ of multi-hydrogen acid firstly produce ionization reaction to provide acid function, then is the second ionization, and react in sequence. That can ensure the gentle release of H^+ and the balanced concentration of hydrogen ion, and also can decrease the damage of the wells' nearby. It is supposed to make strong the acid performance of plug removal in the depth. And at the same time, the multi-hydrogen acid has the functions of complexation, anti-emulsification, and anti-acid sludge. In addition, it has a strong adsorption performance with clay and rock. It is a good retarder of HF acid.

Application

- MF can be used with MH5 together. Applied to clay shale or sandstone formation. When used with HCL, it can form a kind of retarding mud acid, especially suitable for the place that nearby the wellbore, where was destroyed and the depth of which is not get effective treatment.
- General suggested usage for 2%~10%, or according to test result.

Technical Specification

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| • Appearance | white crystallized solid |
| • Density (20°C,g/cm ³) | 1.3-1.5 |
| • Solubility(25°C,g) | ≥50 |
| • Effective content of mol content(mol/g) | ≥0.015 |

Packaging, Storage

- Package with the double layer bags that braid the outside and plastic the outside, and 25kg/bag.
- Placed in dry, ventilated, shady and cool circumstance, and prevented from alkali touching.
- Its storage life is two years.

For more information on OCL-MF, please call your
local Oilchemleader representative or email us at hwb@ocl.com.cn