

# CARIOCA MRF-1101

MRF-1101 is a restoration fluid for producing wells that exhibit formation damage. It has microemulsion properties, with low interfacial tension between liquids, high capacity of solubilization of deposits with a tendency to change wettability and with a wide range of HLB (HYDROPHILUS / LIPOPHYL BALANCE).

- **BENEFITS**

- Chemical additive of multifunctional action, when applied as a method of restoration of producing wells presenting formation damage of organic nature:
  - In situ microemulsification via oil capture
  - Inversion of rock wetting to oleophobic
  - Moderate and radially extensive actuation
- Ideal situation for well selection for chemical treatment with MRF-1101:
  - Maximum temperature in the injection zone up to 210 °F;
  - Damage of organic nature such as paraffins, asphaltenes and emulsions;
  - Oil Well with good production potential.

- **APPLICATIONS**

- MRF-1101 is available in drums, bulk or in IBC containers specified by the user.

- **STORAGE**

- Store in ventilated area, humidity free, or in appropriate tanks. For further information on product safety, please refer to the MSDS (Material Safety Data Sheet).

Aspect	Clear Yellow Liquid
Density @ 25oC	0.93 – 1.00
pH (pure)	6-8
Water solubility	Soluble
Flashpoint. °C	N/A