

CALADA05 is a high-performance blend of non-ionic surfactants designed for exceptional resistance to high temperatures and acidic environments. It enhances flowback performance across perforating, fracturing, acidizing and workover fluids, minimizing water blockage and retention to help maintain reservoir integrity. Even at very low doses, CALADA05 effectively lowers surface and interfacial tension, improves fluid mobility, reduces capillary forces and optimizes formation wettability. These combined effects promote efficient and uniform fluid recovery, reducing reservoir damage and enhancing overall production efficiency.

Typical Characteristics

Parameter	Specification
Appearance	Colourless to yellow liquid
Condensation point (°C)	≤ -10
Surface tension, 0.1% aqueous solution (mN/m)	≤ 24
Interface tension, 0.1% aqueous solution (mN/m)	< 2

Application

- Designed for tight oil, gas as well as shale oil and gas production
- Good compatibility with drag reducers, further reducing surface tension,
- No wetting adsorption effect on the reservoir
- Used for the preparation of oil well perforating, fracturing, acidizing workover and other operating fluids

Packaging and Storage

CALADA05 is packaged in 200 kg drum or 1000 kg drum.

Store in dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking. Avoid using rubber (natural or synthetic) as packaging materials.

Recommended Handling

All personnel handling this material must handle it as an industrial chemical, wearing protective equipment and observing the precautions as described in the Safety Data Sheet (SDS).

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