



PRODUCTS TECHNICAL DATA

PRODUCT NAME : Compound demulsifier, MR-PD
COMPOSITION / INFORMATION ON INGREDIENTS AND APPLICATIONS

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MR-PD is Silicone Polyether Compound with Acrylate Demulsifier . With good surface activity and interfacial activity, excellent wetting property, sufficient flocculation and coalescence ability, it can be adsorbed on the w/o or o/w interfacial film of all kinds of crude oil emulsions, which can obviously improve the properties of the interface, greatly reduce the strength of the interfacial film, and effectively realize the Demulsification and dehydration of crude oil.

Benefits:

- 1- To be efficient in high viscosity crude oil Demulsification.
- 2- Under the temperature of 75° C, lower concentration provide the same efficiency of Demulsification.
- 3- Efficient water coalescent
- 4- Efficient interface definition
- 5- Enhances water quality
- 6- Non-ionic
- 7- Its suitable for injection pumping in fields at temperature between -10~ 55° C

Visual : Armer color liquid.

Solid Content: 50% . PH : 6-8 Density 20°C g/cm³: 0.93-0.97 Oil soluble

Kinematic Viscosity at 40°C : 32-35mm²/s. Flashing point ≥20 °C Pour point: < - 10C。

Recommended dosage is 1.5~ 2.0% by volume.

Note: 1- Determine the best non-silicone demulsifier formulation and addition rate for that particular system. 2- Replace 10% to 25% of the actives in that formulation with Crude Oil Demulsifier. 3. Run standard tests, at the same dose rate, to determine performance as compared to the formulation from step 1.