

**Adi<sup>®</sup>DEOIL**

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**PRODUCT DESCRIPTION**

**Adi<sup>®</sup>DEOIL** is a polyvalent cationic compound, used to separate oil residue and finely dispersed solids of oil-in-water emulsion produced at demulsification stage. **Adi<sup>®</sup>DEOIL** works efficiently at low dosage while minimize floc adherence problem. This product is also compatible with conjunction separation units such as hydrocyclones, centrifuges and filtration equipment. **Adi<sup>®</sup>DEOIL** weakens anionic charge repulsion between the oil droplets by counterbalancing anionic surface charge. Thus, two oil droplets can come closer, coagulate and eventually phase separate from the water phase.

**TYPICAL PROPERTIES**

<b>Properties</b>	<b>Specification</b>
Appearance	yellowish clear liquid
Specific Gravity (at 25 °C)	1.05 – 1.25
pH	3.0-5.5
Melting point	-20 to -15 °C
Boiling Point	100 °C
Solubility in water	fully miscible

**FEATURES AND BENEFITS**

- Effectively separate dispersed oil from produced water by flocculation.
- Non-viscous solution and easy to handle.
- Do not produce sticky floc in the treatment.
- Low dosage rate.
- Do not contain harmful volatile solvent.

**APPLICATION**

Inject **Adi<sup>®</sup>DEOIL** at a dosage of 10-50ppm for typical application; repeated dosage could be applied depending on the severity of the residual oil in order to achieve the desired discharge standard for oil and grease in produced water.

**MIXING AND HANDLING**

Handle in accordance with good industrial hygiene and safety practice. For specific instruction on handling and storage, please refer to the product MSDS.

**INTERNATIONAL SHIPPING REFERENCES**

Regulatory agencies classify **Adi<sup>®</sup>DEOIL** as an acidic corrosive liquid (inorganic) for transportation (UN No. 3264, Hazard Class 8, Packing group III); need to get prior approval consent before transportation.

**PACKAGING**

**Adi<sup>®</sup>DEOIL** is available in 200 liter drum packing.

**MSDS**

Material Safety Data Sheet is available upon request.

This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale.