



Alpacon 207

Water-based demulsifier

Alpacon 207 is a water-based demulsifier formulation intended to split emulsions into oil, water and sludge. The product produces dry oil and a clean water phase.

Concept

Crude and refined oils normally contain a proportion of emulsified water. The water often originates from salt water and thus contains high concentrations of sodium and potassium. Typically the salt water comes with the oil from the well, but can also contaminate the oil during transportation.

Removal of emulsified water from oil is difficult when applying centrifugal separation alone. One way to improve the splitting of emulsified water is to treat the oil with demulsifying agents.

Demulsifiers are complex mixture of polymers and surfactant materials that helps the well-dispersed water droplets to flocculate and reduce the surface tension between the oil and water. This enables the water to coalesce, forming larger droplets that are easier to separate with centrifugal separation.

The normal dosing rate is 50–1000 ppm (0.05–1.0 l/m³ fuel) depending on the properties of the oil to be treated.

Dose and mix carefully into the oil stream, before separation equipment.

Recommended operating temperature is 50–98°C.

Features and benefits

- No regulatory constraints on handling.
- No transport regulations.
- Water-soluble product that becomes oil soluble at elevated temperatures.
- Produces dry oil and a clean water phase.



Technical data

Specific gravity	1.01 g/m at 20°C
Viscosity	200–250 cP at 20°C
pH	9–11 at 20°C
Flashpoint	>100°C
Appearance	Clear yellow liquid

Health and safety

A material safety data sheet available from Alfa Laval provides information on health and safety, and should always be consulted before using this product.

Ordering information

Supplied in 25 litre plastic container (art. no. 1899900-14) and 200 litre barrel (art. no. 1899900-15).

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Alfa Laval reserves the right to change specifications without prior notification.

How to contact Alfa Laval

Up-to-date Alfa Laval contact details for all countries are always available on our website at www.alfalaval.com