

# ANCO MUL OW

*Solutions Through Technology.....*

*Environmentally Friendly Chemicals*

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## Product Description

ANCO MUL OW is an amido-amine based surfactant which functions as an extremely powerful oil-wetting agent for the ANCO MUL diesel-oil based drilling fluid system.

## Typical Application

ANCO MUL OW effectively ensures the proper oil wetting and incorporation of commercial and drilled solids into the system. ANCO MUL OW acts to reduce system viscosity due to inadequately oil wet or water wet solids.

## Product Advantages

- Disperses readily in the oil phase of the ANCO MUL system.
- Can be used for removal of filter cake from permeable zones.
- Can be used in the preparation of a spacer for cementing operations.

## Recommended Treatment

Under normal circumstances treatments are within the range of 0.10 - 0.20 gal/bbl (2.5 - 5.0 l/m<sup>3</sup>). Pilot testing should precede additions to ensure the thinning action is acceptable.

For removal of filter cake (10 - 15 l/m<sup>3</sup>) of ANCO MUL OW should be added to the base fluid and circulated as a slug. For cement spacer applications concentrations of (30 - 50 l/m<sup>3</sup>) should be added to the base fluid.

## Handling

Employees should utilize normal precautions when handling chemical products. The use of a face shield or safety goggles, chemical gloves and chemical apron are recommended when handling this product. In case of eye contact, flush with clean, fresh water for 15 minutes and seek medical advice. In case of skin contact, wash the affected area with soap and water. Review the Material Safety Data Sheet (MSDS) for this product prior to use.

## Storage

Store in sealed container at normal ambient temperatures, in a ventilated area.

## Packaging

Supplied in 55 gal (208 liter) plastic drums, net weight 406 lb (182 kg).

## Typical Chemical and Physical Properties

Specific Gravity g/cm <sup>3</sup> . . . . .	0.90
Flash Point, °F . . . . .	183
Solubility . . . . .	Soluble in most organic solvents, emulsifiable in water
Appearance . . . . .	Viscous liquid
Color . . . . .	Dark amber
Odor . . . . .	Sweet hydrocarbon
Boiling Point, °F . . . . .	356