

**TECHNICAL DATA
SHEET****Petrotreat AO33
Asphaltene Dispersant****PRODUCT DESCRIPTION**

Petrotreat AO33 is a blend of aromatics and alcohols. This product is effective for removing asphaltene deposits and heavy tar from the near wellbore, formation face, production tubing and surface equipment. The design of this product provides strong water wetting characteristics, which assists with the removal of bitumen and heavier oil deposits.

APPLICATION

Petrotreat AO33 can be applied as a formation squeeze, batch or continuous injection. The recommended squeeze volume would be 300 to 500 litres per perforated interval. When applied as a batch and soak, 2 - 4 drums down the annulus is recommended. The Petrotreat AO33 can be injected continuously down the annulus or upstream of the Dehydrator.

When squeezing the AO33 it can be combined with either the Petrotreat PM42 or the APM43 to increase the wettability, which will assist with reducing interfacial tension. This characteristic increases the performance of the AO33.

PHYSICAL PROPERTIES

Appearance Clear, Colorless liquid
Density 0.86 kg/l
Flash Point 4.0 °C

HEALTH AND SAFETY

The product described herein may require precautions in handling or use because of flammability, toxicity or other considerations. Petrotreat Inc. can provide Material Safety Data Sheets, which detail the precautions necessary to handle, apply or store this product.