



SILTECH CORPORATION
225 Wicksteed Avenue
Toronto, Ontario, Canada, M4H 1G5
(416)424-4567 (Tel) (416)424-3158 (Fax)

TECHNICAL DATA SHEET

Siltech® OP
Crude Oil Demulsifiers

DESCRIPTION

Siltech® OP Crude Oil Demulsifiers are a series of organo-modified polysiloxanes. They can be used as stand-alone demulsifiers or as additives to organic based demulsifiers.

Siltech® OP demulsifiers are available in various HLBs, molecular weights and structures.

TYPICAL PROPERTIES

Product	Appearance	Colour Gardner	Viscosity cps @ 25°C	HLB	Solubility (10%) In Water/IPA
Siltech® OP-08	Clear, light straw liquid	<2	75	11.1	Soluble/Soluble
Siltech® OP-11	Clear colourless to yellow liquid	<2	600	6.8	Dispersible/Soluble
Siltech® OP-12	Clear amber liquid	<2	500	6.6	Dispersible/Soluble
Siltech® OP-15	Clear, light straw liquid	<2	2,000	5.5	Soluble/Soluble
Siltech® OP-20	Clear, light straw liquid	<2	300	10.4	Soluble/Soluble

USES AND APPLICATIONS

Siltech® OP demulsifiers can be used as a stand-alone demulsifier or as performance enhancer and cost-efficient additives to organic based demulsifier. They improve the rate of water drop, give a sharp water/oil interface, clean water phase and overall economy of organic based demulsifier.

Because of the vast differences and characteristics of crude oils produced in various fields, different **Siltech® OP** demulsifiers are offered to get the optimum demulsifying results for any particular crude oil. Demulsifier selection and testing is accomplished by standard bottle testing followed by plant tests. As a performance enhancer to organic based demulsifiers, **Siltech® OP** can be added into the existing formulation as a partial replacement of the organic-based active ingredients. Customer testing is required to determine the optimum dosage of **Siltech® OP**.

SAFETY

Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information

STORAGE AND SHELF LIFE

When stored between 10 and 40°C in the original unopened container, **Siltech® OP** has a shelf life of 36 months from the date of manufacture.

PACKAGING

Siltech® OP is available in 20 Kg and 200 Kg containers.

DISCLAIMER OF LIABILITY

Siltech Corporation believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Siltech Corporation, however, disclaims any liability for incidental or consequential damages, which may result from the use of the product that are beyond its control. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual property right.

SILTECH® is a registered trademark of Siltech Corporation, Toronto, Ontario, Canada.