

BYK GS-47

Modified alkoxyated nonylphenol formaldehyde resin used in demulsifier formulations for dewatering and desalting crude oil and natural gas condensates.

Product Data

Composition

Alkoxyated nonylphenol formaldehyde resin

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Solubility:	Oil soluble, negligible water solubility
Appearance:	Brown viscous liquid
Density (16 °C):	1.02 g/ml
Flash point:	> 66 °C
Relative solubility number (RSN):	13.5

Applications

Oil & Gas Industry

Special Features and Benefits

BYK GS-47 is a modified alkoxyated nonylphenol formaldehyde resin used in demulsifier formulations for dewatering and desalting crude oil and natural gas condensates. BYK GS-47 is typically blended with other demulsifier bases and/or inhibitors and diluted with aromatic solvents or alcohols. BYK GS-47 is an effective water dropper and interphase treater. It is cost effective and highly concentrated.

Recommended Use

Demulsifier/water dropper	☒
Desalting	☒

☒ especially recommended ☐ recommended

Recommended Levels

Dosage range will typically range from 5-500 ppm evaluated in laboratory or field tests.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.



Additive Guide



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