

## BYK GS-46

Concentrated 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.

|                                   |                     |
|-----------------------------------|---------------------|
| Appearance:                       | Dark viscous liquid |
| Flash point:                      | > 66 °C             |
| Viscosity (25 °C):                | 3000 mPa·s          |
| Relative solubility number (RSN): | 16.5                |

### Applications

#### Oil & Gas Industry

#### Special Features and Benefits

BYK GS-46 is a concentrated alkoxyated nonylphenol formaldehyde resin used in demulsifier formulations for dewatering and desalting crude oil and natural gas condensates. BYK GS-46 is typically blended with other demulsifier bases and/or inhibitors and diluted with aromatic solvents or alcohols. BYK GS-46 is an effective water dropper and interphase treater. It is cost effective and highly concentrated.

#### Recommended Use

|                           |                                     |
|---------------------------|-------------------------------------|
| Demulsifier/water dropper | <input checked="" type="checkbox"/> |
| Desalting                 | <input checked="" type="checkbox"/> |

☒ 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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This issue replaces all previous versions – Printed in Germany