



## Witbreak™ NEO-100 series

### OSPAR compliant range of demulsifiers for oilfield separation applications

Nouryon Witbreak range of demulsifiers is well-established and has been used for decades in global oilfield separation applications.

To complement our current demulsifier portfolio and cater to the growing need for chemistries that are sustainable and have a low environmental impact, a new range has been developed – Witbreak NEO-100.

The performance of these products has been proven in field trials with a variety of different live crudes.

#### Benefits

- OSPAR compliant
- Excellent biodegradation
- Improved cost/performance ratio compared with conventional and green alternatives
- Chemistry based on new sustainable building blocks
- High activity and low pour point demulsifiers allowing customized blending
- Covers a range of RSN from treater/drier to high RSN emulsion resolver/water droppers
- BTEX free
- NP free
- REACH compliant

#### Witbreak NEO-100 range

Three products that cover key application functionalities for demulsifiers. The functionalities are based on tests on a variety of crudes.

	Functionalities
Witbreak NEO-110	Effective drier and dropper properties
Witbreak NEO-120	Excellent dropper in 50-70°C separation temperature region
Witbreak NEO-130	Excellent overall treater and drier in 50-70°C separation temperature region



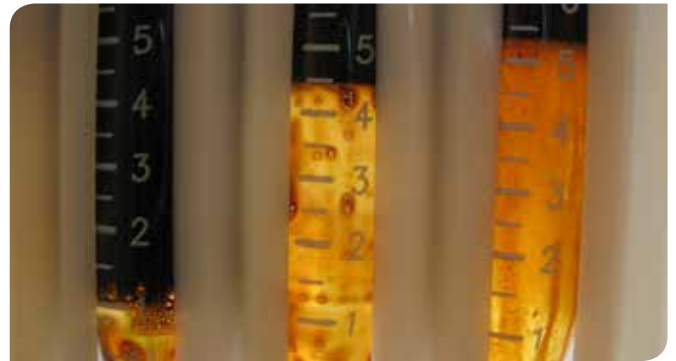
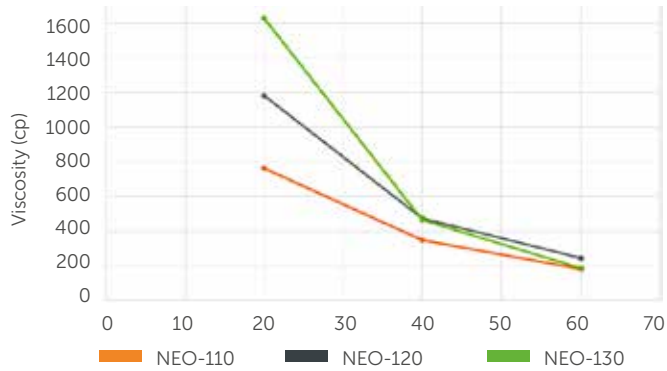
#### Physico-chemical properties

	Witbreak NEO-110	Witbreak NEO-120	Witbreak NEO-130
Chemistry	Glycol polyester	Glycol polyester	Glycol polyester
Activity	80% (in Butyldiglycol)	80% (in Butyldiglycol)	100%
Appearance	clear liquid	clear liquid	clear liquid
Clear point	< -20°C	< -20°C	< -10°C
Density	1009	1046	1028
Flash point	> 100°C	> 100°C	> 100°C
pH	4-7	4-7	4-7
Pour point	< -20°C	< -20°C	< -14°C
RSN	4.2-5.2	8.5-9.5	4.5-5.5
Viscosity (mPa s 20°C)	761	1154	1749
Viscosity (mPa s 40°C)	349	396	450

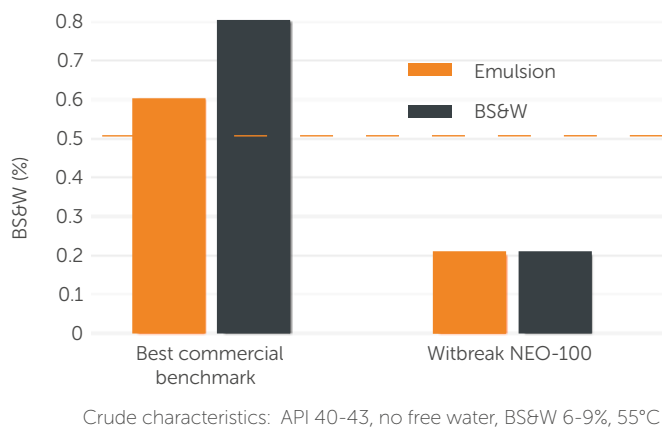
## Regulatory information

	Witbreak NEO-110	Witbreak NEO-120	Witbreak NEO-130
Norway classification	yellow 0	yellow 1	yellow 0
CEFAS classification (OCNS rating)	no substitution warning (E)	no substitution warning (E)	no substitution warning (D)
REACH status	in compliance	in compliance	in compliance

## Viscosity profiles

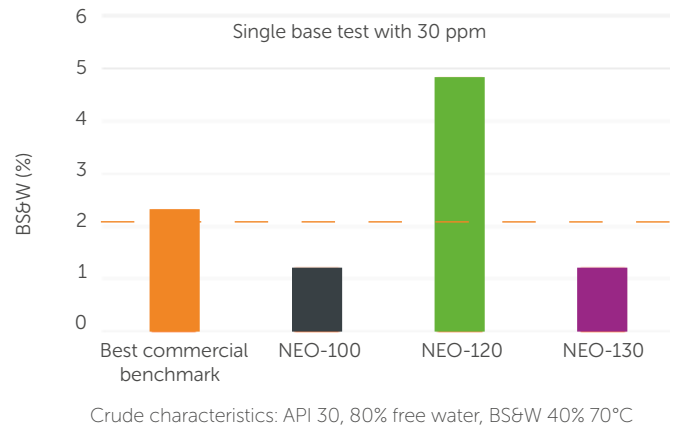


## Example of bottle test results - North Sea (light crude)



Excellent drop and treatment with NEO-110

## Example of bottle test results - North African crude



Good overall drop and treatment with NEO-110 and NEO-130  
Good drop with NEO-120

Contact us at [oilfield@nouryon.com](mailto:oilfield@nouryon.com) or visit our website [nouryon.com](http://nouryon.com)



Your partner  
in essential chemistry  
for a sustainable future