

## Demulsifier for Production and Gathering

Different amounts of ethylene oxide (EO) and propylene oxide (PO) functional groups can be added to the same chemical main chain to produce final products with different relative solubility values (RSN). Including resin alkoxy polymer, polyol / acrylic acid copolymer, polyol ether, polyol / double epoxy compound, polyglycol and ester. Various models are suitable for crude oil dehydration with different physical properties.

### 1. Technical features

- (1) Unique know-how process to adjust the formula to meet various demulsification needs, better realize water recycling by improving oil-water separation.
- (2) It has the advantages of clear dehydration and fast speed.
- (3) The reference concentration is 30 ~ 100mg/L.

### 2. Technical Index

Items		Index
Appearance		Uniform liquid without impurities
Closed cup flash point, °C		≥20
Dehydration rate, %	Light crude oil	≥90
	Medium crude oil	≥90
	Heavy crude oil	≥80
	Polymerized crude oil	≥80
Water phase cleanliness	Natural crude oil emulsion	Not lower than level 1
	Synthetic crude oil emulsion	Not lower than level 2

### 3. Scope of application

- (1) Demulsification and dehydration of oilfield crude oil and refinery crude oil.
- (2) It can be used for chemical dehydration and electric dehydration system.

### 4. Service performance

It has been used in than 80 projects in 12 oil and gas fields in China, Iraq, Chad, etc. Such as PetroChina, Sinopec, CNOOC, OPIC, Bankers, etc.

