



Chemicals for Oil Treatment

Oil treatment in the oilfields is an integral part of the main processes associated with the extraction, gathering and transportation of commercial oil. The quality of the produced crude oil affects both the efficiency and the reliability of the operation of the main pipeline transport, and the quality of the products obtained from this oil in oil refineries. At the later stages of oil field development, the water cut of produced oil increases substantially and may reach 90% or even more. The presence of a great number of mineral salts, resins, paraffin, and mechanical impurities in the produced fluids, which may act as emulsifiers, also contributes to the forming of stable water-oil emulsions. As a result, produced oil does not meet the industry quality standard for the product (for water content, chloride salts content, etc.). Repeated cycles of oil treatment lead to the additional costs. The solution of this problem is the use of highly effective demulsifiers.



Chemicals and technologies for the breaking of water-oil emulsions:

1. Demulsifiers for light oils of **DEMULTRIM-LN** brand.
2. Demulsifiers for intermediate oils of **DEMULTRIM-SN** brand. .
3. Demulsifiers for heavy oils of **DEMULTRIM-TN** brand.



POLYEX



Chemical	Description	Purpose of Application	Area of Application	Comments	
DEMULTRIM-LN	Demulsifier	Breaking of trice water-oil emulsions in light oils	Pipeline deemulsification	Liquid.	
			Deemulsification at oil treatment	Consumption rate from 10 gr/ton to 50 gr/ton	
DEMULTRIM-SN	Demulsifier	Breaking of trice water-oil emulsions in intermediate oils	Pipeline deemulsification	Liquid.	
			Deemulsification at oil treatment	Consumption rate from 20 gr/ton to 70 gr/ton	
DEMULTRIM-TN	Demulsifier	Breaking of trice water-oil emulsions in heavy oils	Pipeline deemulsification	Liquid.	
			Deemulsification at oil treatment	Consumption rate from 50 gr/ton to 150 gr/ton	