



Removing And Preventing of Asphalt, Resin And Paraffin Deposits And Oil Viscosity Reducing

Forming of asphalt, resin and paraffin deposits leads to well production rate decrease, premature failure of expensive equipment and additional well servicing. Polyex company offers the range of chemicals for removing asphalt, resin and paraffin deposits and for preventing of their forming.

During the production of heavy oils the increase in pressure in pipeline equipment may be observed. Strong pressure differences between the tubing base and the wellhead cause deformation of the pumps and constrains oil production. Thus, the production of heavy oils also leads to equipment failure. Periodic cleaning of the equipment is necessary because of the formation of paraffin plugs. To reduce the pour point of oils and improve their rheological properties some viscosity reducers, pour point depressants, are used.



Chemicals and technologies for removing and preventing of asphalt, resin and paraffin deposits, oil viscosity reducing:

1. Technology of treatment with **POLYPAV** chemical for cleaning of the equipment and prevention of asphalt, resin and paraffin deposits.
2. Technology of asphalt, resin and paraffin deposits dissolving with **NEFRAS-M** solvent.
3. Technology of protection of equipment with **POLYDEX 07**, **PROCHINOR® AP 07**, **PROCHINOR® AP 104** inhibitors showing dispersing force for asphalt, resin and paraffin deposits and improving crude oil rheology.
4. Technology of reducing the pour point of oils and reducing their viscosity with the application of **FLOWDIN** pour point depressants.



POLYEX



Chemical	Description	Purpose of Application	Area of Application	Comments	
POLYPAV -81 grade B	Oil washing-off complex surfactant	Washing-off the asphalt, resin and paraffin deposit residuals from the equipment after the treatment with organic solvents	Cleaning of oilwell tubing, field pipelines and main pipes from the residuals left after the treatment of asphalt, resin and paraffin deposits with organic solvents	Liquid. Concentrated composition	
NEFRAS-M	Asphalt, resin and paraffin deposit solvent	Cleaning of equipment from asphalt, resin and paraffin deposits	Cleaning of oilwell tubing, field pipelines and flow lines and oil pipelines	Liquid	
		Cleaning of pay zone from asphalt, resin and paraffin deposits	Removing of asphalt, resin and paraffin deposits from pay zone of oil wells. Removing of heavy oils and hydrocarbon residuals		
PROCHINOR® AP 07	Asphalt, resin and paraffin deposit inhibitor	Prevention of asphalt, resin and paraffin deposits	Crude oil treatment with the purpose of prevention of asphalt, resin and paraffin deposits	Liquid	
			Prevention of asphalt, resin and paraffin deposits in pipelines		
			Protection of equipment, storage reservoirs, etc. from asphalt, resin and paraffin deposits		
PROCHINOR® AP 104	Asphalt, resin and paraffin deposit inhibitor/dispersant	Prevention of asphalt, resin and paraffin deposits	Crude oil and gas condensate treatment with the purpose of prevention of asphalt, resin and paraffin deposits	Liquid	
			Prevention of asphalt, resin and paraffin deposits in oil wells, oil and gas condensate production lines		
			Protection of equipment, storage reservoirs, etc. from asphalt, resin and paraffin deposits		
POLYDEX 07	Asphalt, resin and paraffin deposit inhibitor	Prevention of asphalt, resin and paraffin deposits	Crude oil treatment with the purpose of prevention of asphalt, resin and paraffin deposits		
PROCHINOR® 07A	Asphalt, resin and paraffin deposit inhibitor / dispersant	Prevention of asphalt, resin and paraffin deposits	Crude oil and gas condensate treatment with the purpose of prevention of asphalt, resin and paraffin deposits	Liquid	
			Prevention of asphalt, resin and paraffin deposits in oil wells, oil and gas condensate production lines		
			Protection of equipment, storage reservoirs, etc. from asphalt, resin and paraffin deposits		
FLOWDIN-SN	Pour point depressant - oil viscosity reducer	Reducing the viscosity of intermediate oils	Crude oil treatment during the process of production and transportation	Liquid	
FLOWDIN-TN	Pour point depressant - oil viscosity reducer	Reducing the viscosity of heavy oils	Crude oil treatment during the production process	Liquid	

Asphalt, resin and paraffin deposit inhibitors PROCHINOR® AP 104, PROCHINOR® AP 07 are manufactured in accordance with the technologies and from the components of ARKEMA FRANCE, France.