The Mirrico Group Business Domains:



«MIRRICO» –

a Russian group of manufacturing and service companies with a proprietary modern production facilitymanufacturing chemical products for the companies of oil and gas and petrochemical industries



The Mirrico Group of Companies

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DEWAXOL*

PRODUCT LINE OF COKING AND COKE DEPOSITION INHIBITORS

* Product of Mirrico Group Made in Russia.

Chemicals for coking reduction of Dewaxol line:

- Coking and coke deposition inhibitors of Dewaxol 1001 and 1004 brands;
- Coke antiprecipitating and dispersing agent of Dewaxol 1002 brand;
- Passivator of Dewaxol 1003 brand.

Application:

The line of Dewaxol reactants ensures anti-coking protection for the following equipment of oil refineries:

- Heat exchangers of crude feed pre-heat units;
- Visbreaker heaters, ADU/VDU heaters;
- Fractionating columns.

Purpose:

- Increasing time between repairs for refinery equipment.
- Implementation of visbreaking processes at high temperatures with reduced risk of equipment carburization:
 - Increasing efficiency of cracking reactions;
 - Increasing yield of light petroleum products;
 - Decreasing viscosity of cracking residue.

Advantages:

- Optimum price/quality ratio:
- Comprehensive performance of each of the agents in the product line (inhibiting, coking, dispersing of coke particles);
- Competitive capacity on the level of foreign analog products.

Distribution of coke particles by size in the cracking residue without processing and during processing:



Over 80 %

reduction of coarse coke particles formation can be achieved by application of reactants of Dewaxol product line.

Experience:



OJSC-Kuibyshev Refinery

JSC Angarsk Petrochemical Company



particles ratios in the cracking residue application of inhibitor

Sampling rate -