

BUSINESS DOMAINS OF THE MIRRICO GROUP:



Oil exploration
and production



Pipeline
transportation
of hydrocarbons



Coal mining
and beneficiation



Chemical
and
petrochemical
industries



Ferrous
and non-ferrous
metallurgy



Oil and gas
refining



Water and waste
treatment

MIRRICO

is a Russian group
of production and service
companies with their own
modern manufacturing
facilities designed
to produce special chemicals
for oil and gas industry
and petrochemical industry.



MIRRICO
GROUP OF COMPANIES

The Mirrico Group

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MIRRICO
GROUP OF COMPANIES



**SOLUTIONS FOR
ETHYLENE COMPLEXES
AND MONOMER
PRODUCTION**

FOR THE FIRST TIME IN RUSSIA, MIRRICO GROUP HAS DEVELOPED A FULL RANGE OF CHEMICAL AGENTS TO ENSURE SMOOTH OPERATION OF PETROCHEMICAL ENTERPRISES PRODUCING MONOMERS.

Chemical agents for ethylene complexes

- Stabilizing agent for hardening oil Dewaxol™ 3005 designed for cracking gas tempering unit

Application: stabilization of hardening oil, elimination of high-temperature processes of thermopolymerization and oxidating of products, neutralizing of acid impurities catalyzing uncontrolled processes.

- Polymerization inhibitors Dewaxol™ 3003-E and 3003 for compression units

Application: elimination of thermopolymerization processes, protection against depositions; contain a disperser that facilitates the release of polymer particles and depositions.

- Yellow oil inhibitor Dewaxol™ 3001-A for alkaline treatment units of cracking gas

Application: linking acetaldehyde, elimination of foam and yellow oil production.

Chemical agents for rectification processes in the production of ethylene, isoprene, butadiene, styrene

- Thermopolymerization inhibitor Dewaxol™ 3002 and 3102

Application: inhibition of thermopolymerization processes, elimination of polymer deposition processes.

Experience and results of industrial application at various enterprises



	BEFORE	AFTER
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Duration of boilers

500–700 hours
(without inhibitor)

1,200–1,400 hours
(with inhibitors of other manufacturers)

more than 2,800 hours
(with inhibitors of Mirrico Group)



Column plates position No. 55
Kazanorgsintez

Results of industrial application of the Mirrico Group's range of solutions for monomer production:

- significant increase in the run between repairs duration of the heat exchange and column equipment;
- reduction in the equipment cleaning time during the overhaul;
- improvement of the monomer production stability;
- possibility of replacing imported chemical agents;
- reduction of unit consumption in comparison with the previously used chemical agents.

Opinion: _____

«Cooperation with Mirrico has a relatively short history, but in spite of this, the experience has shown that the specialists have a high level of expertise in the development of chemical solutions and support services. Using the solutions offered, we have improved our performance and reduced costs.»

Deputy General Director
for Development (Science)
at Syntez-Kauchuk OJSC, Sterlitamak
Ildus Shayhitdinovich Nasyrov