

Neftehim introduces gasoline tech

At the Egypt Petroleum Show (EGYPS), Russian company Neftehim introduced cost-effective technologies for production of gasoline to meet tight environmental standards.

Neftehim is a well-known scientific and engineering company, catalyst developer and manufacturer, licensor of oil processing technologies.

For over 60-year history, Neftehim technologies and catalysts firmly consolidated in the world market.

Unique reliability and easy operation combined with low-cost implementation and maintenance helped to endure over time. Currently, over 50 per cent of gasoline in Russia is produced with the use of Neftehim technologies, which are in demand in China, India, U.S., Europe, Middle East, and CIS countries.

Technologies presented at EGYPS2020 aroused the interest of refining companies' representatives. The presented unit 3D-model was an exact copy of existing Isomalk-2 pentane-hexane cut isomerisation unit, producing gasoline



component with a record-high octane. Visitors familiarised themselves with the unit configuration and performances, obtaining information directly from the technology developer.

The technology ensures production of gasoline without expensive reagents and aggressive environment.

Reliable solutions and the unique stability of SI-2 catalyst make it possible to operate the unit for more than 12 years continuously without the replacement of catalyst or equipment components.

Delivering the energy needs of tomorrow, introducing the best

economically efficient solutions to upgrade existing facilities, increasing production of gasoline compliant with modern environmental standards are the main activities of Neftehim.

At EGYPS 2020, other Neftehim products - well-known in the world market and globally recognised by customers for their high efficiency, were also demonstrated.

Neftehim has its own scientific and laboratory base, modern equipment and expertise for constant enhancement of catalyst quality and elaboration of effective reliable solutions for gasoline production.

At the EGYPS 2020 Technical Conference, Neftehim's Chief Technology Officer Timofey Karpenko delivered his report "Modern isomerisation and reforming technologies for enhancement of quality and yield of Euro-5 compliant motor gasoline."

He presented solutions that showed optimising gasoline processing design through increasing the product yield and eliminating the involvement of expensive additives.


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