UOP MEROX NO. 10™ CATALYST

Enhanced Pre-impregnated Fixed-Bed

Merox No. 10™ catalyst is a specially formulated, pre-impregnated mercaptan oxidation catalyst having exceptionally high activity and stability for treating very difficult to sweeten kerosene jet fuel feedstocks.



Merox No. 10 catalyst is specifically formulated to process difficult-to treat feedstocks, condensate feeds with high mercaptan content and all known crude feedstocks worldwide.

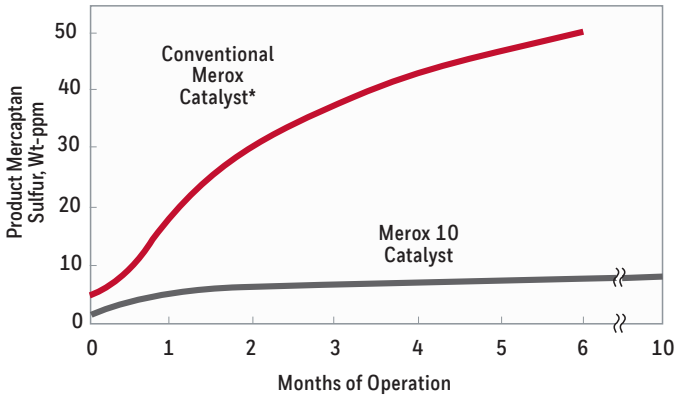
APPLICATIONS

Merox No. 10 is a much more active and stable catalyst than conventional mercaptan oxidation catalysts.

Merox No. 10 catalyst permits sweetening of previously untreatable kerosene feedstocks derived from crude oils such as West Texas Sour, New Mexico Sour and CPC. Merox No. 10 catalyst can also treat condensate feeds that contain high levels of mercaptan. To maintain the high performance characteristics of Merox No. 10 catalyst, a low concentration (ppm range) of catalyst activator (Merox Plus)™ may be added upstream of the reactor.

Kerosene feeds derived from all known crudes produced world-wide can be successfully sweetened with Merox No. 10 catalyst.

Merox No. 10 Stability Processing Intractable Kerosene



EXPERIENCE

Merox No. 10 catalyst is in commercial use at refineries around the world that are processing extremely difficult to sweeten kerosene feedstocks.

FEATURES AND BENEFITS

Merox No. 10 catalyst provides:

- High catalyst activity
- Reduced operating severity to minimize side reactions
- Capable of processing difficult-to-treat feeds such as West Texas Sour, New Mexico Sour, CPC and condensates
- Extended catalyst life
- Ready to use

TYPICAL PHYSICAL PROPERTIES

Form	Granules
Color	Black
Apparent bulk density*, kg/m^3 (lb/ft^3)	670 41.7
Size, US standard mesh	10 to 30

* Density of the activated carbon varies.

PACKAGING

- 50 cubic foot net (1.42 cubic meters) polypropylene supersacks containing 875 kg/sack
- 55 U.S. gallon (210 liter) steel drums are available upon request

For more information
www.uop.com

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