



Merox No. 10™ Catalyst

Refining Catalyst

Description

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

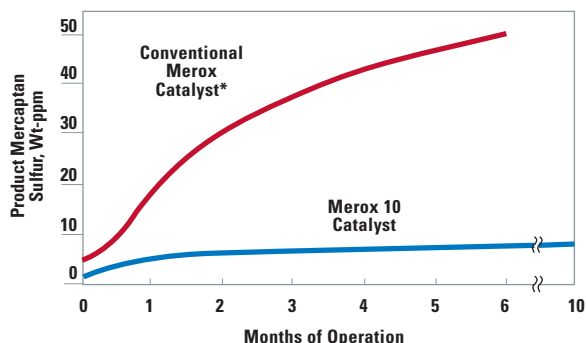
Application

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 Wyoming Sour. To maintain the high performance characteristics of Mercox No. 10 catalyst, a low concentration (ppm range) of catalyst activator (Mercox Plus)™ is added upstream of the reactor.

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

Mercox No. 10 Stability Processing Intractable Kerosene



* Performance is not typical of most kerosenes

Features and benefits

Mercox No. 10 catalyst provides:

- High catalyst activity
- No side reactions
- Unique solution to sweeten very difficult kerosene feeds
- Extended catalyst life
- Ready to use

Experience

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

Properties

Appearance	Black granules
Apparent bulk density*, lb/ft ³	35 to 39
kg/m ³	577 to 625
Size, US standard mesh	10 to 30

* Density of the activated carbon varies.

Packaging

- 50 cubic foot net (1.42 cubic meters) polypropylene supersacks
- 55 U.S. gallon (210 liter) steel drums containing 7.06 cubic feet net (200 liters)

For more information

For more information, contact your local UOP representative or our Des Plaines sales office:

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