



## DHC™ 32 Catalyst

### Hydrocracking Catalyst

#### Description

DHC 32 catalyst is the world's most widely-used zeolitic distillate-selective hydrocracking catalyst. This catalyst is used in a variety of flowschemes to produce very high yields of middle distillates. It is the most active of UOP's distillate-selective catalysts.

#### Applications

DHC 32 catalyst is formulated for use in hydrocracking units producing maximum jet or maximum total distillate. This catalyst is particularly well-suited for the following hydrocracking unit flowschemes: single stage, once through, parallel flow, two stage. The main products from units using DHC 32 catalyst are:

- Jet A-1 / kerosene
- Diesel
- Ethylene cracker feed
- Lube oil base stocks
- Upgraded FCC feed

#### Features and benefits

- Depending on the application, DHC 32 catalyst is more active than DHC 8 catalyst.
- DHC 32 catalyst produces high distillate yields with a higher selectivity to kerosene range materials.
- Higher smoke point jet fuel, higher cetane diesel, and better quality unconverted oil.
- The high metals content of DHC 32 catalyst results in low deactivation rates and long cycle lengths.

#### Experience

UOP is the world's leading supplier of hydrocracking catalyst. DHC 32 catalyst was commercialized in 1993. More than six million pounds of DHC 32 catalyst is installed worldwide.

#### Physical properties

	DHC 32LT	DHC 32
Size	1/8" (3.2 mm)	1/16" (1.6 mm)
Shape	Tri-lobe Extrudate	Cylinder
ABD		
Dense	57.6 lb/ft <sup>3</sup> (922.7 kg/m <sup>3</sup> )	60.0 lb/ft <sup>3</sup> (961.1 kg/m <sup>3</sup> )
Sock	50.1 lb/ft <sup>3</sup> (802.7 kg/m <sup>3</sup> )	52.2 lb/ft <sup>3</sup> (836.2 kg/m <sup>3</sup> )

#### Packaging

- 55 U.S. gallon (210 liter) steel drums
- Net weight per drum of 350 pounds (158.8 kg)
- Super sacks are available upon request:  
Net weight 2450 pounds (1111.3 kg)

#### For more information

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

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