

INDEPENDENT CATALYST TESTING FOR REFINERIES



THE HIGH THROUGHPUT
EXPERIMENTATION
COMPANY



Still testing in the traditional way?

Evaluate commercial catalysts and optimize your operation.

- **Independent catalyst and process evaluation**
- **Screening of relevant process conditions using your feedstocks**
- **Scientific consulting & data interpretation**

Your benefits with hte

ESTABLISHED MARKET POSITION

- High data quality & reproducibility
- Excellent reputation with major oil companies
- Largest independent 3rd party refinery testing lab worldwide

ADVANCED TECHNOLOGY

- Feed processing flexibility – from naphtha to residue and waxy feedstocks
- Advanced analytics and software solutions
- Multiple test reactors for optimized catalyst selection with high statistical significance
- Accelerated customer-specific catalyst deactivation test

EASY TO WORK WITH

- NDAs with major catalyst vendors
- Short lead times
- Highly cost- and time-efficient
- Technical consulting
- Frequent project updates with full transparency
- Experienced staff – refinery services & support mentality

BENCHMARK
CATALYST TESTS
FOR MANY REFINING
PROCESSES:

HYDROTREATING
(HDS, HDN, HDA,
HDO, HDM, ULSD)

HYDROCRACKING

RESID HYDRO-
PROCESSING

DEWAXING

CATALYTIC
NAPHTHA
REFORMING

ISOMERIZATION

BIOFEEDSTOCK
CONVERSION /
BIOFUELS

AND OTHERS