

# HYDROTREATING FILTRATION



Protect your expensive catalyst beds without having to take the filter offline for cleaning by using Mott HyPulse® filter technology. Mott's backwashable porous metal media allows for you to capture sub-micron particles without frequent fouling common to hydrotreating feed filtration. These sub-micron fines are a primary cause of media fouling, resulting in constant filter change-outs and unscheduled maintenance.

With Mott filter media, you can significantly extend filter operations and mitigate unplanned process downtime due to filter fouling. Mott engineers can customize our filters to meet the footprint and specifications of your current process.

Speak with a Mott representative about having your feed sample tested in our Customer Innovation Center to receive the performance data needed to prove feasibility for your process.



## MOTT FILTER SPECIFICATIONS

Variables	Specifications
Install Options	Retrofit or New Installation
Materials of Construction	316L Stainless Steel
Filter Media Connectors	NPT (Custom options available)
Max Operating Temperature	800° F (426° C)
Filter Media Grade Options	0.1-100 µm nominal
Typical Particle Capture %	Greater than 99%
Filter Diameter (New Install)	12"-72" (305-1,829 mm)

## 3 REASONS TO USE A MOTT FILTER FOR HYDROTREATING

### 1. EXTENDED RUN TIMES AND BETTER RELIABILITY

Mott filters protect against fouling caused by fine particulate. Our sub-micron barrier filtration technology minimizes the fouling caused by these particles for easy backwash cycles and longer periods between swapouts.

### 2. PROTECT HYDROTREATER CATALYST BEDS

Unforeseen filter failures and frequent bypassing of the filter system can be drastically reduced, extending the life of your expensive catalyst bed.

### 3. DESIGNED WITH DATA

Our engineers will test your feed sample in our Customer Innovation Center to provide you with quantifiable performance data. This provides you with peace of mind that Mott filters will achieve your process objectives.

*HyPulse is a registered trademark of Mott Corporation*