



# InFocus™ Unit Monitoring Tool enables timely evaluation and detection of unit issues

## Challenge:

A major Base Oil Producer uses ExxonMobil MSDW™ technology in two production units. One unit has implemented Online Monitoring for 6 months, enabling seamless data sharing between the user and ExxonMobil. Three months after implementing Online Monitoring, the customer experienced an unexpected unit shutdown due to a power supply disturbance.

## Solution:

Thanks to the InFocus™ Unit Monitoring Tool, ExxonMobil Technical Support observed abnormal low feed rate via online monitoring and was able to provide a timely

recommendation to preserve catalyst and optimize unit energy consumption. The InFocus unit monitoring tool enables timely technical insights to improve process performance. Drawing on ExxonMobil's breadth of technical and operational experience, the monitoring tool provides users with easier access to ExxonMobil expertise, early identification of potential operational concerns and more meaningful analysis.

With the timely detection of unit abnormalities via the Online Monitoring Tool, ExxonMobil was able to provide guidance on:

1. Optimum catalyst preservation strategy during the shutdown for given conditions
2. Energy optimization during shutdown

Result

YIELD  
IMPACT

None

ENERGY  
CONSUMPTION

Optimized

CATALYST  
LIFE

Preserved

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