

## Reliable

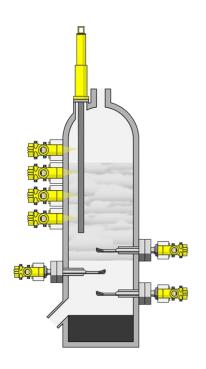
Safe measurement unaffected by process conditions

### Cost effective

Continuous measurement allows effective process control

#### **User friendly**

Compact design



# Hydrocracker

# Density measurement in the hydrocracker

Heavy oil residues are processed in the hydrocracker, such as atmospheric and vacuum residue. Fresh catalyst is continuously added and used catalyst is withdrawn, enabling product quality over time. To promote safe and efficient heavy oil processing, a reliable measurement and density profiling is needed for control of critical process stages.

#### More details



# **MINITRAC 31**

Radiation-based sensor for density measurement

- Compact and lightweight detector mounts easily
- Patented coaxial source drywell simplifies mounting and reduces installation costs
- Non-contact technology measures through vessel walls and obstructions

## **Show Product**



MINITRAC 31 Show Product         Show Product         Important the state of t		
-         Process temperature         -40 60 °C         Process pressure         -         Accuracy         0.1 %         Materials, wetted parts         No wetted material         Seal material         no media contact         Housing material         Aluminium         Stainless steel (precision casting)         Protection rating         IP66/IP67         Output         Profibus PA         Foundation Fieldbus         Four-wire: 4 20 mA/HART         Ambient temperature		
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