



# OM Series Application Sheet

Company Type: **Chemical Mixing**  
Market: **Mining**  
Application Category: **Monitoring**  
Model Number: **OM006S513-222G5**

## ADVANTAGES OF USING FLOMEC™ METERS

- COST SAVINGS
- ACCURACY
- LOW MAINTENANCE
- PAYBACK
- FLOWRATE

### APPLICATION:

Measure the Kerosene Dilutant (KD) pumped into the earth to breakdown the gravity composition of crude oil. This process helps extract crude oil from oil wells for processing.

Monitoring the amount of KD pumped results in accurate cost for each oil well. After installing the OM006 with Standard Display, the user realized a cost savings and had an accurate count of KD used.

### PROBLEM:

The user needed a way to monitor the amount of Kerosene Dilutant pumped into the earth during the process of extracting crude oil.

The cost of this product ranges from \$80 - \$100 per barrel so using unnecessary dilutant can drive up the cost of extracting the crude oil. An accurate, easy and cost-effective meter was required to solve the problem.

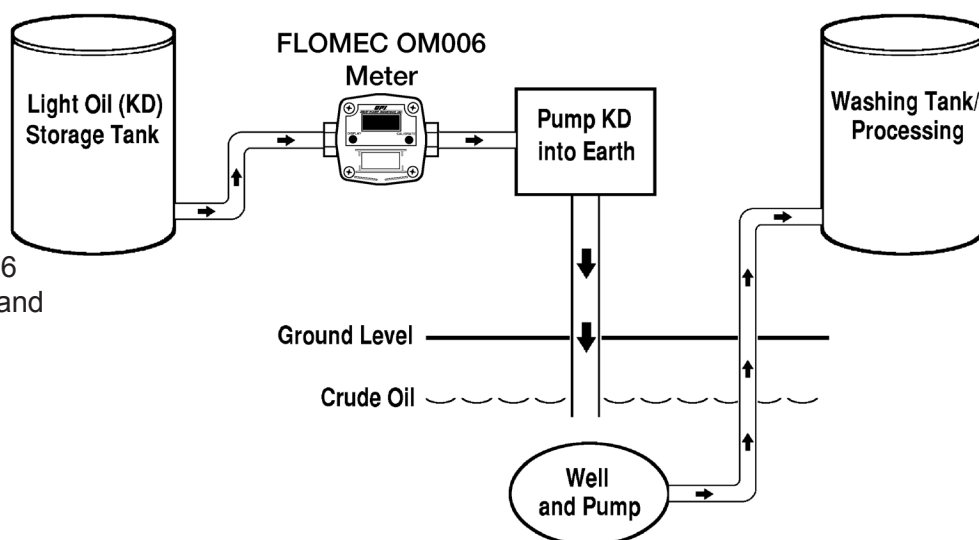
### SOLUTION:

The tank holds 1,000 barrels of KD with various lines coming out to feed multiple oil site locations. Place the meter before the pump and above ground at the oil well site.

The pump mixes the KD fluid and transports it through rods into the earth. After the crude is broken down another pump, at the bottom of the well, pumps the crude above ground.

## ILLUSTRATED APPLICATION:

Order the FLOMEC OM006, 1/4 inch meter with the GG500 Standard Display for this application. The combination of products creates an accurate solution and saves money. The OM006 meter handles high viscosity and pulsating flow.



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