

# OIL & GAS TREATMENT

In partnership with the major figures in the petroleum sector, ALM INTERNATIONAL is able to offer you expertise in the following areas :

## CRUDE OIL PROCESSING

*(Partnership with DOW CHEMICALS)*

- » Demulsifier test on crude oil
- » The *Bottle Test* carried out on-site or in the laboratory
- » Test report
- » Demulsifier composition adapted to crude oil
- » Online trial support

## CORROSION MONITORING

*(Partnership with K-CHIMIE authorized by TOTAL for these operations)*

- » Engineering study for the introduction of the boss necessary for the operation (mechanical or hydraulic)
- » Extraction / Introduction of the bioprobe conductivity sensor, strip corrosion coupons functioning between 0 and 450 bars (by a mechanical or hydraulic tool)
- » Test bench for certification of used material
- » Data reporting
- » Injection and corrosion inhibitor dosage optimisation through coupon analysis



Desemulsifier test



JARTEST for oil/water separation test before disposal into the sea

## OIL / WATER SEPARATION

- » Oil/water separation test by flotation in order to reach the norms on oil content before discharge to the sea
- » The JARTEST carried out on-site or in the laboratory
- » Issuing of an analytic report with injection proposition
- » Treatment introduction follow-up
- » Range of biodegradable products (low environmental impact)

## BIOCIDE TREATMENT

- » Effectiveness test of bactericides on crude oil
- » Follow-up by ATP metry

# AREAS AND PRODUCT RANGES

**MORE THAN  
30 YEARS  
OF EXPERTISE**

ALM International offers essential chemical products for the offshore oil, whether general or more specific as in the processing of crude oil and gas.

## EXPLORATION

### DRILLING AND COMPLETION

Thickening agents  
Rheological modifiers  
Lubricants  
Surfactants  
Clay inhibitors

### STIMULATION AND CEMENTING

Fluid loss additives  
Rheological modifiers  
Surfactants  
Biocides  
Friction reducers  
Emulsion preventers

### PHASE SEPARATION

Crude oil demulsifiers  
Water clarifiers and flocculants  
Defoamers  
Triethylene glycol(NORKOOL DESIHERM)

### FLOW ASSURANCE

Traditional and traceable scale inhibitors  
Asphaltene dispersants  
Chelating agents

## PRODUCTION

### INTEGRITY OF ASSETS

Biocides (AQUCAR)  
Corrosion inhibitors  
Oxygen scavengers  
Hydrogen sulphur scavengers  
Surfactants  
Solvents

### TRANSPORT, TRANSFER, STORAGE

Bactericides

## REFINEMENT

### GAS TREATING

Amine solvents  
Physical solvents

### HEAT TRANSFER

Fluids for heat transfer (DOWTHERM)

### CATALYSIS

Polymeric catalysts  
Perchloroethylene

