

### OIL & GAS FLUID TREATMENT



**PENETONE 4038P** is a hot watering additive designed to wet, soften, disperse, and inhibit or prevent wax deposition in well bores and in flowline batch treatments. **PENETONE 4038P** forms a temporary emulsion in most water sources and brines to effectively liquefy paraffin deposits and subsequently allow for phase separation to reclaim the water source or brine for continuous use. Additionally, the surfactant and PPD additives will reduce the effects of wax crystallization by reducing pour point and preventing further flow assurance issues.

### FEATURES AND BENEFITS

- Fully active formulation
- Relies on the solvency and sustainability of d-limonene
- Contains active paraffin dispersant and pour point depressant
- Forms temporary emulsion for easy reclaim or recycling of water source or brine
- Rapidly blended into most water sources or brine
- Effective at low concentrations

### DIRECTIONS FOR USE

**Chemical type** Solvent/surfactant/pour point depressant blend

**Treatment rates** Will vary depending on wax deposition, content, location, and situation. Optimization of the injections rates should be achieved through field testing.

Up to 3% v/v of the volume of water or brine being employed for hot watering or flowline batch treatments is recommended to achieve desired results.

# PENETONE 4038P

## PARAFFIN WAX DISPERSANT

### PHYSICAL PROPERTIES

Appearance	Yellow liquid
Odour	Citrus / glycol
Specific Gravity @ 20°C	0.900-0.950
Viscosity	Thin
pH	6.50-7.00
Flash Point (TCC)	48°C
Boiling Point	Not determined
Freezing Point	Not determined
Foaming Tendency	Nil
Autoignition temperature	Not determined
Active content	100%
Water Solubility	Emulsifies

### INCOMPATIBILITY

Oxidizing materials

### WAREHOUSING PRECAUTIONS

Store away from heat sources and flames

### AVAILABLE SIZES

			
20L	205L	1000L	

### FIRST AID MEASURES

#### EYE CONTACT

Wash with plenty of water for 15 minutes. Consult physician if irritation develops or persists.

#### SKIN CONTACT

Wash with plenty of water for 15 minutes. Consult physician if irritation develops or persists.

#### INHALATION

Give fresh air or artificial respiration. Consult physician.

#### INGESTION

**DO NOT** induce vomiting. Drink plenty of water and contact physician immediately.

### HEALTH

1

### FLAMMABILITY

2

### REACTIVITY

0

#### LEGEND

0 = MINIMAL RISK  
1 = SLIGHT RISK  
2 = MODERATE RISK  
3 = SERIOUS RISK  
4 = SEVERE RISK

### PERSONAL PROTECTION Security equipment



WHMIS



**IMPORTANT:** Before using PENETONE 4038P, always be sure to read and follow precautions and directions for use appearing on the product container label and on the safety data sheet (S.D.S).



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