

**TAB-AP-01**

# Asphaltene and paraffin inhibitor and dispersant

Controls asphaltene precipitation and paraffin crystallization; prevents plugging of wells and filters.

## GENERAL

Hydrocarbon-soluble inhibitor and dispersant developed from a blend of polyimides and resins. Focused on wells producing crude with paraffin-crystallization and asphaltene-precipitation problems, where pressure and temperature conditions accelerate the rise of the colloidal instability index.

## APPLICATION

Wells, first-stage separators, separation batteries, storage tanks. Prevents pump cavitation in light, heavy and extra-heavy crude.

## USES AND BENEFITS

Extends the production life of the well and keeps the separator clean and efficient, so downstream pumps draw without plugging. Combined with an inorganic-salts inhibitor it prevents pump cavitation, and it helps light and heavy crude blend homogeneously.

## RECOMMENDED DOSAGE

15 to 50 ppm at wellheads or pump suction, separation batteries, gun barrels and storage tanks, depending on the colloidal instability index and performance tests.

## PACKAGING AND STORAGE

200-liter plastic drums, 1,000-liter high-density polyethylene containers with metal cage, or stainless steel containers. Store in a cool, ventilated place, protected from direct sun and rain, with containers closed when not in use. Review the product safety data sheet.

### CATEGORY

**Production and flow**

### CRUDE RANGE

**Light, heavy and extra-heavy**

### SOLUBILITY

**Hydrocarbon-soluble**

### TYPICAL DOSAGE

**15 to 50 ppm**

## PHYSICOCHEMICAL PROPERTIES

| PARAMETER                           | UNIT              | METHOD     | SPECIFICATION |
|-------------------------------------|-------------------|------------|---------------|
| Appearance                          |                   | Visual     | Amber liquid  |
| Density (specific gravity at 25 °C) | g/cm <sup>3</sup> | ASTM D1298 | 0.92 – 0.99   |
| Kinematic viscosity at 25 °C        | cSt               | ASTM D445  | > 5           |
| Fluorine content                    | ppm               | ASTM D7359 | Free          |
| Organic chlorides content           | ppm               | ASTM D7359 | Free          |

## CERTIFICATE OF ANALYSIS

Every batch is analysed against the specifications on this sheet before release and ships with its certificate of analysis (CoA) and safety data sheet (SDS).

## TECHNICAL CONTACT

Dosage, compatibility, laboratory testing and field application:  
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## DISCLAIMER

The information on this sheet is given in good faith and reflects the specifications in force at the revision date. Values are product specifications unless stated as typical. Optimum dosage is determined by laboratory tests on the fluid to be treated. Field performance depends on conditions outside our control; no warranty is given beyond what the contract provides. Review the SDS before handling.