

TAB-FI-01

Flow improver

Improves heavy crude transport and prevents over-pressurization in the process.

GENERAL

Flow improver additive for the chemical treatment of heavy crude oil of 20 °API or less with high water and occluded-salt content, improving crude recovery. Hydrocarbon-soluble amber liquid, free of suspended material and stable at typical pipeline and storage temperatures.

APPLICATION

Onshore and offshore installations: wells, headers, pipelines and hydrocarbon treatment in the North, South and Marine Regions.

USES AND BENEFITS

Suitable for heavy and extra-heavy crudes with low or high water content; efficient over a wide range of temperatures and pressures. Applied with conventional dosing equipment, using piston or diaphragm pumps.

RECOMMENDED DOSAGE

Laboratory tests are recommended to determine the optimum dosage according to the characteristics of the crude. Typically 30 to 80 ppm for heavy and extra-heavy crude. Continuous or batch application.

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

≤ 20 °API

SOLUBILITY

Hydrocarbon-soluble

TYPICAL DOSAGE

30 to 80 ppm

PHYSICOCHEMICAL PROPERTIES

PARAMETER	UNIT	METHOD	SPECIFICATION
Appearance		Visual	Clear amber liquid
Specific gravity 20/4 °C		ASTM D70	0.90 – 0.94
Direct pH		ASTM E70	9 – 10
Kinematic viscosity at 40 °C	cSt	ASTM D445	8 min.
Flash point	°C	ASTM D93	48 min.
Solubility, 50 % vol. xylene		Visual	Soluble
Solubility, 50 % vol. water		Visual	Insoluble

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:
info@tabquimicosintl.com · +1 (956) 708-6776

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.