

NuFlo™ 151

Technical Data Sheet

Paraffin & Asphaltene Treatment

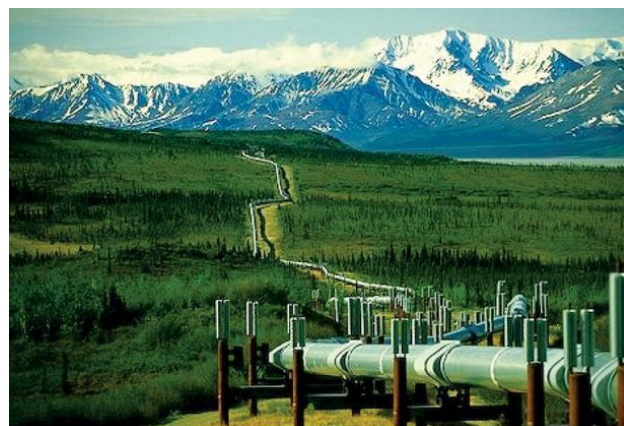
VISCOSITY REDUCER

Description:

NuFlo™ 151 is a proprietary formulated, rapid acting composition designed for the removal of paraffin and asphaltene buildup and blockages. NuFlo™ 151 has been designed to perform throughout a petroleum system: from the formulation through flowlines, tanks, separators and pipelines. This product is non-corrosive and non-hazardous.

Characteristics:

NuFlo™ 151 is designed to dissolve and disperse asphaltenes, neutral resins and paraffins in the C8-C55 range at ambient temperatures. This product has a high flash point and is environmentally friendly. NuFlo™ 151 eliminates production-inhibiting deposits. The product decreases drag created by the high viscosity of crude oil increasing the overall production. NuFlo™ 151 works in a wide range of temperatures and pressures allowing it to be an appropriate treatment method for almost any condition. NuFlo™ 151 is non-flammable, non-corrosive, and environmentally friendly.



Applications:

- Used in pipelines to reduce viscosity and therefore increase flow while reducing pumping pressure.
- Used downhole or pipelines to clean and prevent asphaltene and paraffin blockages while enhancing flow.
- Used downhole for squeeze jobs, down capillary strings, or down back side for well bore cleaning.

Product Benefits

Viscosity Reducer
Paraffin & Asphaltene Control
Demulsifier

Flow Enhancer
Pipeline pressure reducer
Biodegradable

Physical Properties



NuFlo 187

BULK DENSITY	7.10 lbs/.gal
SPECIFIC GRAVITY@ 20 C	0.851 g/cm ³
SOLUBILITY IN WATER	YES
SELF-DEMULSIFYING	YES
ODOR	Mild
% VOLATILES BY VOLUME @ 21°C (70 °F)	46%
VISCOSITY	1 mPas
MELTING POINT / FREEZING POINT	-37 °C (-35 °F)
BOILING POINT	150 °C (302 °F)
pH	7.8
APPEARANCE and COLOR	Clear to Pale Yellow
VAPOR PRESSURE, mm Hg	6.6 hPa (5 mmHg)

Availability: 5-gallon, 55-gallon containers and 275-gallon tote-bins and bulk tankers.

Shipment: Non-Hazardous for transport via DOT, IMDG, and IATA.

Storage: Keep out of direct sunlight. Keep from freezing. Store between 40-100°F.

Disposal: Dispose of in accordance with local, state, and federal regulations.

This product is classified and labeled according to the Globally Harmonized System (GHS).

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EMERGENCY OVERVIEW:

This product may cause irritation to the skin. Defatting of the skin can occur with frequent or long-term skin contact.

SAFETY:

Please make sure you have read and understand the product label and MSDS before using this product. Avoid breathing vapors, spray or mists. Use only with adequate ventilation. Wash thoroughly after handling. Observe label precautions.