



ParaFlow Energy Solutions, LLC

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ParaFlow® HE-6400

Generic Description

Product Name: **ParaFlow HE-6400**

Application: Multifunctional additive with potential applications in crude oil production, transport, storage, and processing in upstream, midstream, and downstream operations.

General Information

ParaFlow HE-6400 is a multifunctional additive incorporating numerous desirable attributes into a single stable composition.

ParaFlow HE-6400

- A versatile and effective emulsion breaker and dispersant with minimal foaming properties.
- Designed to assist in the reduction of soluble and non-soluble iron compounds including iron pyrite and pyritic iron sulfide compounds in petroleum crude oil, ideally suited for use in desalter and heater treater operations.
- Reduces viscosity and promotes improved flow in heavy asphaltenic crudes.
- Inhibits the tendency for paraffin to separate from the source crude oil.
- Effective additive for treating and recovering hydrocarbon slop/sludge from crude oil storage tanks.
- Does not contain any thermally unstable polymeric dispersants and therefore minimizes the formation of persistent rag layers that are difficult to break during emulsion separations.
- Does not contain any hydrocarbon solvents.
- Thermally stable, decomposition temp. >220C
- Soluble in water
- Up to +/- 5% water can be added before haze appears.

Recommended Use Level

Use level is inversely proportional to operating temperature, with a recommended starting range of 50ppm to 500ppm.

Typical Properties

Appearance:	Clear yellow to amber liquid*
Density g/ml at 25°C:	1.109 (9.256 lbs/gal)
Actives %:	+/- 71%
Flash Point:	84°C (183°F)
Pour Point:	-15°C (5°F)
pH:	< 2.0
Shelf Life:	2 years minimum

*Product color darkens with age

Storage Handling

ParaFlow HE-6400 should be stored in a cool, dry well ventilated location in closed containers. Keep away from heat/sparks/open flames/hot surfaces. Should not be stored with strong oxidizers.

Packaging

ParaFlow HE-6400 is available in bulk and 55 gallon closed head poly drums, filled to a net weight of 485 lbs. (220kg).

Shipping

ParaFlow HE-6400 is not regulated in NON BULK packaging by ground transportation. It is a combustible liquid in containers holding >119 gallons.

Additional Information

A GHS compliant Safety Data Sheet is available upon request. Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study & the works of others. The manufacturer makes no warranties, express or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the user or it's employees, or anyone for any direct, special or consequential damages arising out of the use of or in connection with the accuracy, completeness, adequacy or furnishing or such information. 8/2017