

Adi[®]PPD

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PRODUCT DESCRIPTION

Adi[®]PPD is a pour point depressant, formulated to ease low temperature process of crude oil, especially those contained high level of waxy, paraffinic or naphthenic compounds. Addition of **Adi[®]PPD** enhances flowability of crude oil at low temperature by preventing solidification process such as formation of needle or plate-like crystals and swelling of the crystalline substances. **Adi[®]PPD** not only reduces pour point but also improves the viscosity index of crude oil to ensure flowability at low temperature.

TYPICAL PROPERTIES

Property	Specification
Form	Liquid to waxy
Appearance	Yellow to light brown
Odor	Product characteristics
Specific gravity	0.85 – 0.95
Viscosity @25 °C	> 100 mPa
Pour point	9-21 °C
Flash point	>65 °C

FEATURES AND BENEFITS

- Effective at low dosage to reduce pour point or wax appearance temperature.
- Convenient in handling as compare to wax-like product.
- Prevent wax deposition/precipitation problem.
- Improve flowability of heavy crude oil at low temperature process.
- Minimize production process upsets/shutdowns, restartability issues and reduction of operating efficiency.

APPLICATION

Recommend to apply **Adi[®]PPD** at dosage of 100 – 1000 ppm to achieve the targeted pour point for normal application. Higher dosage might be required to deal with the blocking flow in pipeline, pumping and etc.

MIXING AND HANDLING

Refer to MSDS for safety precautions during mixing and handling of **Adi[®]PPD**.

INTERNATIONAL SHIPPING REFERENCES

Transportation of **Adi[®]PPD** is not restricted by any regulatory agency.

PACKAGING

Adi[®]PPD is packaged in 55 USG (208 liters)

MSDS - Material Safety Data Sheet is available upon request.