

## PPD-UBPro-461

### Introduction

UBPro-461 is a type of high-performance polymeric paraffin inhibitors, particularly for more challenging crude oils and condensates. UBPro-461 can reduce oil condensation point, which need not build new heating station and effectively cut the transportation costs.

### Typical Physical Properties

Items	Specification
Appearance	Tan paste
Odor	Aromatic
Moisture	0.5%Max
Density, g/cm <sup>3</sup>	0.88-0.98
Flash point, °C	65Min

### Application

- Minimizing wax deposition in the crude oils lines.
- Reduce the freezing point of crude oil.
- Used as the flow improver which increases the liquidity of the crude oil.

### Recommended Handling

- The recommended dosage of 20-60ppm could make the solidifying point of the mixed oil fall from 15.0 °C fell to 4.0°C, but a pilot test is required for optimal results.
- All personnel handling this material must handle it as an industrial chemical, wearing protective equipment and observing the precautions as described in the Material Safety Data Sheet (MSDS).

### Packaging and Storage

- 55-GAL DRUM.

Store in dry, well-ventilated area. Keep container closed. Keep away from oxidizing agent, heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and /or stacking.