

Pour Point Depressant

The freezing point of waxy crude oil is greater than 30 °C , and it is easy to condense wax during normal temperature pipeline transportation, resulting in difficulty or even loss of fluidity of crude oil, which greatly affects the crude oil transportation. This product can change the growing process of wax crystals, disperse wax crystals and prevent wax from forming network structure, so as to reduce the freezing point and viscosity of crude oil and improve the flow performance of crude oil. It has strong adaptability to different types of crude oil, can realize normal temperature transportation, effectively reduce energy consumption of crude oil transportation.

1. Technical Features

- (1) Dispersed liquid system, easy to use, low viscosity at room temperature, suitable for low temperature operation, pour point of the agent: ~ - 30 °C;
- (2) Compared with the traditional low activity formula (polymer / solvent), it is economical and effective with low addition;
- (3) The crude oil has good shear resistance and can greatly reduce the secondary heating temperature of crude oil;
- (4) It has good modification effect on a variety of crude oils, and the modified crude oil has good thermal stability.

2. Technical Index

Item	Index
Appearance	Uniform liquid
Density, g/cm ³	1.0±0.05
Flash point (closed cup), °C	≥40
Dosage, mg/kg	<100
Reduce in Pour Point, (°C)	≥10
Decline in Viscosity, %	70

3. Scope of Application

- (1) It can be used for wax prevention and pour point reduction in oil wells or pipelines.
- (2) It can be used for crude oil storage and transportation pipeline and tank equipment.

4. Service Performance

It has been used in than 80 projects in 12 oil and gas fields in China, Iraq, Chad, etc. Such as PetroChina, Sinopec, CNOOC, OPIC, Bankers, etc.

