

Product Oil Drag Reducing Agent (HH-66)

Product introduction

Product Oil Drag Reducing Agent (HH-66) is developed by Jiangyin Huaheng Additives Co., Ltd. It is comb-like polyolefin drag reducing agent. The product is polymer powder dispersed in organic alcohols to form slurry products, which is convenient for product injection. When the product is injected into the product oil, the polymer powder can dissolve rapidly in the product oil, and the polymer stretches to form carbon chain comb polymer, which effectively changes the shape of the fluid, reduces the formation of turbulence, reduces the energy consumption in the process of fluid movement, and reduces the resistance of fluid movement in the pipeline. The pressure of the pipeline can be reduced when the transportation capacity of the pipeline is constant. When the pressure of the pipeline is constant, the amount of oil transported by the pipeline can be increased. Within the range of 5-60 ppm, the resistance of the pipeline can be effectively reduced, the transportation capacity of the pipeline can be improved, and the economic benefit of the pipeline can be improved. The product has low freezing point and is suitable for injection in low temperature environment. It has low volatility and is environmentally friendly and safe.

Main physical and chemical performance of the product

Index	Description
Appearance, shape and properties	White or light yellow slurry, layering may occur if placed for a long time
Odor	Smell of alcohol
Relative density (25°C) g / ml	0.845-0.90
Freezing point (°C)	≤-45
Flash point (closed cup) (°C)	≥61
Solubility	Soluble in hydrocarbon, aromatic hydrocarbon, and insoluble in water
Others	Refer to MSDS for details

Attentions for use and storage of the product

This product is of powder dispersed slurry type. The density of the product solution changes largely along with the temperature change while the density of polymer powder changes slightly along with the temperature change. Layering may occur in case of long-term placing. Stir the product before use. The product is oil soluble polymer which is dispersed in the oil soluble organic alcohol, the polymer may become thickening when dissolves in the solvent under high temperature and direct sunshine. Therefore the product shall be stored to avoid exposing in the sun with ambient temperature lower than 45°C. The product shall be kept away from open fire and strong oxidant. For environmental hazards and preventive measures of the product, please refer to MSDS of the product. Since the product is the polymer of high ultra-high molecular weight, and the high-speed shearing by the oil delivery pump may influence the performance of the product, the product shall be injected after the oil delivery pump. The pressure reduction degree and Pipeline throughput increasing volume is different for different pipelines, the dosage of the product shall be according to the field test results. The dosage of the product is within 5-60ppm in general. The quality guarantee period of the product is 12 months.