

采油用清蜡剂

Oil recovery wax remover

产品概述

【外观】本品外观一般呈无色、淡黄色至黄色可自由流动的均匀液体。

【物理化学性质】水溶性清蜡剂由高闪点有机溶剂类混合物及稳定剂、表面活性剂组成。溶蜡速率快，闪点高，安全性好，凝点低。

油溶性清蜡剂由不含苯、氯的烷烃及表活剂组成，可清除油井中结的蜡。不含苯类、氯类、重金属类；具有乳化，润湿，分散等性能；对高凝点蜡质、胶质效果突出。



性能特点

- 1、高效清蜡，溶蜡速度快，清蜡效率高；
- 2、施工简单、使用方便；
- 3、不含苯类、氯类、重金属类成分，安全环保；
- 4、可降低开采成本、提高采油效率；
- 5、适应性强、安全环保。

【用法及用量】本产品使用周期根据油井结蜡程度以及结蜡周期确定，通过间歇式人工加药的方式缓慢加入，用量根据现场情况进行确定。

技术指标

采油用清蜡剂技术要求

项目	指标	
	清蜡剂	防蜡剂
外观	均匀液体	
闭口闪点/℃	≥15	
凝点/℃	≤-15	
PH 值	-	7.0~10.0
防蜡率	-	≥20%
溶蜡速率/(g/min)	≥0.025	-
有机氯含量	0.0%	
二氧化碳含量	0%	
注：对于一般地区，要求凝点不大于-15℃，对于特殊地区，凝点应不高于当地最低气温。		

产品用途

【用途】主要用于预防和清除井筒、地层及输油管道内的蜡质、胶质和沥青质堵塞，从而延缓结蜡时间、改善原油流动性、延长清蜡检泵周期，起到提高油井采油率、增加经济效益的作用。

油溶性清蜡剂广泛适用于油基泥浆油田开发中的泡沫调剖、压裂、驱油、钻井和排水采气等体系。水基清蜡剂主要用于油田油井清除油管内的蜡质结垢，疏通油管提高产油量。

包装与贮存

【包装】本产品一般用铁桶或塑料桶包装，可分净重 1000kg 吨桶和净重 200kg 、25kg 的不同规格桶，也可根据客户要求定制包装，运输过程中应轻装轻卸、避免碰撞、切勿倒置。

【存储条件】本产品应储存于干燥、阴凉、通风的库房，远离火种和热源，搬运及使用时应避免接触皮肤，溅入眼中，一旦接触应立即用大量清水冲洗。

【保质期】1 年。



Product Overview

[appearance] the appearance of this product is generally colorless, light yellow to yellow, and can flow freely.

[physicochemical properties] water soluble paraffin remover is composed of high flash point organic solvent mixture, stabilizer and surfactant. .

Oil soluble paraffin remover is composed of alkanes without benzene and chlorine and surfactant, which can remove the wax in oil wells. It does not contain benzene, chlorine and heavy metals; It has emulsifying, wetting, dispersing and other properties; It has outstanding effect on high freezing point wax and gum.

Characteristics

1. High efficiency wax removal, fast wax dissolving speed and high wax removal efficiency;
2. Simple construction and convenient use;
3. It is safe and environmentally friendly without benzene, chlorine and heavy metals;
4. It can reduce production costs and improve oil production efficiency;
5. Strong adaptability, safety and environmental protection.

[usage and dosage] the service life of this product is determined according to the wax deposition degree and wax deposition cycle of the oil well. It is slowly added by intermittent manual dosing. The dosage is determined according to the site situation.

Technical Specification

Technical requirements for wax cleaning agents for oil extraction

project	index	
	paraffin remover	paraffin inhibitor
appearance	uniform liquid	
Closed flash point/°C	≥15	
Condensation point/°C	≤-15	
ph value	-	7.0~10.0
Wax prevention rate	-	≥20%
Wax dissolution rate/(g/min)	≥0.025	-
Organic chlorine content	0.0%	
carbon dioxide content	0	
Note: For general areas, the pour point should not exceed -15 °C, while for special areas, the pour point should not be higher than the local minimum temperature.		

Applications

[purpose] it is mainly used to prevent and remove wax, gum and asphaltene blockage in wellbore, formation and oil pipeline, so as to delay wax deposition time, improve crude oil fluidity, extend the cycle of wax removal and pump inspection, and improve oil production rate and economic benefits.

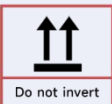
. The water-based paraffin remover is mainly used to remove wax scale in the tubing of oil wells in the oilfield, dredge the tubing and improve oil production.

Package and Storage

[Packaging] This product is generally packaged in iron or plastic drums, and can be divided into different specifications of drums with a net weight of 1000kg, 200kg, and 25kg. Packaging can also be customized according to customer requirements. During transportation, it should be loaded and unloaded gently, avoid collisions, and do not invert.

[Storage Conditions] This product should be stored in a dry, cool, and ventilated warehouse, away from fire and heat sources. When handling and using, avoid contact with skin or splashing into eyes. Once in contact, rinse immediately with plenty of water.

Shelf life: 1 year.



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