

DEPROFORM LINE

Detergent Professional Formula

Cross-comparison

ISSUE: Heavy Oil Depositions, Paraffin, Resins, Asphaltenes



Cleaning Method:

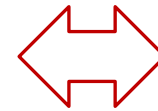
OLD SCHOOL SOLUTIONS:



Hot Diesel Application



Solvent Application



NEW ALTRNATIVE SOLUTIONS:



Detergent DPF Application

ADVANTAGES



Material

Liquid

Liquid

Detergent DPF

Flammability

Yes

Yes

Liquid or powder

Evaporation

Heavy

Heavy

NO

Indoor use with staff

NO

NO

NO

Possibility to be reused

NO

NO

Yes

limits due to material characteristics

Temperature of treatment, **volume of dissolving** (percentage).

Hot temperature of water

Nature of work

Dissolves

Dissolves

Washes away

Health hazards

High: severe skin irritation, severe cough, complex allergic reaction, **cancer**

Low: skin irritation, cough, might be allergic reaction

Similarities and Differences of DPF to Solvent / Diesel

Similarities

Need to heat DPF solution before use – same as in the case of a Diesel application.

Need to dilute the concentrated DPF to the required condition - same as in the case of using a Solvent.

Possibility to use the same pumps, heaters and tanks as for Diesel and Solvent.

Differences

DPF is not harming for surfaces and painting

Protection against static electricity and fire hazard with DPF are not required

Possibility for regeneration of the DPF working fluid

DPF solution is an ideal for preparing a surface for paint

High-rate penetration and strong demulsifying effect of DPF solution

DPF has low consumption thanks to low rate dosing

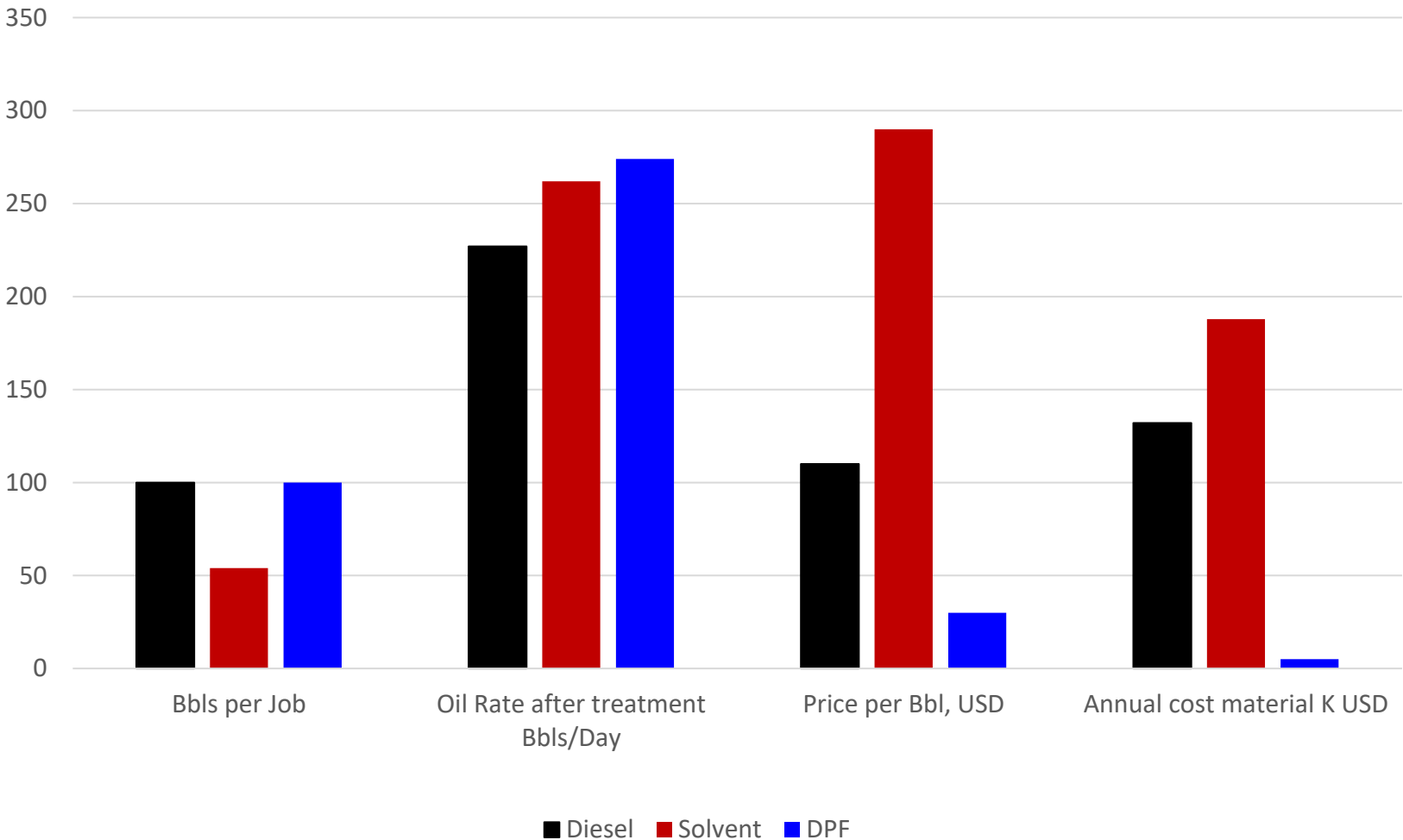
DPF is Easy-to-use & Environment Friendly



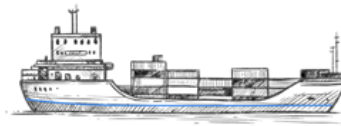
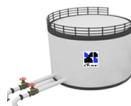


Oil Well Cleaning Cost effectiveness (Well #206)

1 (one) cleaning per month
Service cost not counted (similar price)

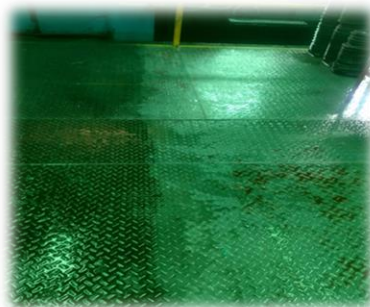


Applications



Thermal-chemical treatment of industrial facilities by **DPF – TD** chemical proved to be reliable, safe and easy-to-use process for removal of **oil_asphalt_tar_paraffin_resin deposits (ATPD)**.

A very simple application procedure: **HOT WATER + DPF** apply to deposited surface and washout with **HOT WATER**



DPF_TD Certification



حكومة دبي
GOVERNMENT OF DUBAI



دبي بلدية
DUBAI MUNICIPALITY

الترخيص والتفتيش (إصدار) -
 Discreetness & Discreetness Assessment Report

Issued To: **Umm Al-Qura Trading LLC**

Location: **Deira**

Application No: **391460**

25/06/2017

U.S. Name: **U.S. Name**

U.S. License No: **U.S. License No**

Date: **20 Jun 2017**

License No: **007818**

007818-171

007818

Ref	DESCRIPTION	YES	NO
Product Name	FAN Speed Fanous Technical Information		
Category	Others	Yes	Provide
Material nature (Food)		Yes	Control of Weight
Ingredients	Yes	No	Yes
Production Date	Yes	Do not	No
Expiry Date	Yes	Do not	No
Physical Order Shipping	No	Storage Condition	No
Warning	Yes	Packaging Type	Bag
Insulation of Net	Yes	Net Weight	30kg
Remarks:	No Remarks		

* Compliance to the above mentioned criteria is obligatory
 in the presence of violations that affect the responsibility of the
 license holder.

* Product compliance to a issued with category of
 supervision and inspection is required to be
 approved by the responsible authority.

* The product compliance to a issued with category of
 inspection and supervision will be subjected to
 inspection and supervision with additional inspection of the
 responsible authority.

* Inspection and supervision must be carried out
 according to License Period and Renewal Period.

دبي بلدية
DUBAI MUNICIPALITY

Consumer Product Safety Section

الموافق عليه من قبل
 Approved by

الموافق عليه من قبل
 Approved by

RA

Dr. Yousuf Achraf Ayupul

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 Approved by

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CERTIFICATE OF DUBAI MUNICIPALITY PRODUCT: "DPF" special purpose technical detergent

Material Safety Data Sheet		Page 1 of 2
Product: Special purpose technical detergent. *PAN TD*		
1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER		
Trade name:	Special purpose technical detergent. *PAN TD*	
Chemical Formula:	Non-applicable	
Supplier/Manufacturer Name	Mihail P.Z.C.O.	
Address	Dobruș Filiz Coș, DDP, Building A2, Unit 101, Dobruș, UA	
Emergency phone	+ (071) 55-664-0343	
2. HAZARD IDENTIFICATION		
2.1 Classification of substance or mixture:		
CLP Regulation (EC) No 1272/2008:		
Skin Cor. 1B, Skin Corros./Irrita. Category 1B		
Skin Sens. 1, Skin Sensitization, Category 1		
STOT SE 3: Specific target organ toxicity, single exposure, category 3		
Aquatic Toxicity 3, Hazardous to the aquatic environment, long-term hazard, Category 3		
2.2 Label elements:		
CLP Regulation (EC) No 1272/2008:		
GHS05		
 		
Hazard statement:		
H314 Causes severe skin burns and eye damage.		
H335 May cause an allergic skin reaction.		
H336 May cause respiratory irritation.		
H412 Harmful to aquatic life with long-lasting effects.		
Precautionary statements:		
P260: Do not breathe dusts or mists.		
P264: Wash hands thoroughly after handling.		
P280: Wear protective gloves, protective clothing or eye protection.		
P301+P310-P311: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.		
P303+P361+P353: IF ON SKIN/PA: For hard: Take off immediately all contaminated clothing. Rinse skin with water or shower.		
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.		
P501+P502: IF IN ENV: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.		
P771: Use only outdoors or in a well-ventilated area.		
P773: Avoid release to the environment.		

MSDS: "DPF" special purpose technical detergent