

# GPF

## Greenstock Pretreatment Facility

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# Introduction to the Pretreatment Process

The pretreatment process is designed to upgrade a wide range of complex waste oils and fats into refined feedstocks suitable for advanced biofuel production. It applies a sequence of thermal, mechanical and chemical treatment steps that remove impurities, improve quality parameters and achieve consistent specifications required by downstream renewable fuel facilities.

The process begins with pre-purification, where bulk contaminants are separated and the feedstock is conditioned for further treatment. It then proceeds through drying to remove moisture, adsorption to capture polar and non-polar contaminants, and filtration to eliminate solids and residual impurities. A final deacidification step reduces free fatty acids and improves overall stability.

Through this integrated sequence, the process significantly reduces chlorides, metals, nitrogen, sulphur, phosphorus, and other critical contaminants. It enables the handling of a broad spectrum of challenging feedstocks while delivering high-quality treated material that meets the requirements for sustainable fuel pathways such as HVO, SAF, and co-processing applications.

# Stakeholders

Greenstock Pretreatment Facility is a joint venture of VTTI and Connex.

Both parties are combining their expertise to develop an innovative pretreatment facility, offering the upgrade of quality waste and residues into sustainable feedstocks, with on-site blending and storage at VTTI Amsterdam (ETA).

Connex brings years of proficiency in sourcing and trading feedstocks and end-products, complemented by VTTI's successful experience in storage, blending, and intricate logistics operations.

Together, they form an extraordinary alliance, supporting the energy transition with unmatched synergy and efficiency.

Both VTTI and Connex are on a mission to accelerate the energy transition towards mitigating greenhouse gas emissions in the industry.

Stakeholders

# Connex

Connex B.V

Van Nelleweg 1

(Koffie 4.20-4.22)

3044 BC Rotterdam

comms@connex.trading

<https://greenstock.vtti.com/the-facility/>

Stakeholders

# P66

Align with Chakir what role will P66 have from a commercial point of view.

Phillips 66

**Phillips 66**

**P.O. Box 421959**

**Houston, TX 77242-1959**

**Great Britain**

**<https://www.phillips66.com/emerging-energy/>**

Their business case:

**Lower-carbon fuels like renewable diesel, sustainable aviation fuel (SAF) and renewable naphtha are a natural extension of Phillips 66's current business and allow us to build on core adjacencies to become a market leader.**

**Currently producing ~50,000 BPD of renewable fuels at our Rodeo Renewable Energy Complex and co-processing variety of renewable feedstocks at our Humber facility in U.K. Our Commercial organization has active positions in renewable feedstock sourcing and product placement. Additionally, we are pursuing opportunities in circular plastic economy, such as co-processing.**

# Business Case

Product is typically expected from outside of the EU and will be pretreated at VTTI premises to later be:

- Exported to UK
- Home consumption in EU (potentially Spain)

# Email correspondence

**From:** Jean-Noel Houjeily  
**Sent:** Wednesday, November 20, 2024 2:37 PM  
**To:** Remy Geerts <[rge@vtti.com](mailto:rge@vtti.com)>; Jaap Koomen <[jk@vtti.com](mailto:jk@vtti.com)>  
**Cc:** Xander Buyk <[xbu@ett.vtti.com](mailto:xbu@ett.vtti.com)>  
**Subject:** RE: T1 product for GPF

Hi Remy,

Thank you for your prompt feedback. What you are telling us concerning the possibility to receive/store the product, pretreat it, and then offer it back to the client on a FOB basis as T1, is a very good news.

Typical current example, a client based in the UK, sourcing feedstock from Asia, willing to pretreat it at GPF and afterwards to be shipped to the UK. They have absolutely no interest to clear the product in Amsterdam since its end destination after pretreatment at GPF is the UK.

We will be receiving many feedstocks (UCO, POME, Tallow cat 1/2 and 3, Acid oils, Brown Grease...).

UCO tariff code: 1518.00.95.90

Regards,  
Jean-Noel

**From:** Jean-Noel Houjeily <[jnh@vtti.com](mailto:jnh@vtti.com)>  
**Date:** Wednesday, 18 June 2025 at 21:14  
**To:** Remy Geerts <[rge@vtti.com](mailto:rge@vtti.com)>  
**Subject:** RE: T1 product for GPF

Dear Remy,

I hope you're doing well, though I can imagine how busy things are on your side!

Things have also been quite active on my end with GPF. After some delays, we are now finally approaching the Gate 2 decision. Therefore, I would appreciate your support with one of the deliverables: **Operational Permit Requirements**.

We discussed this a few months ago, specifically in relation to **T1/T2 procedure** for a UK-based client (P66) aiming to import UCO from Asia to Amsterdam, pretreat it at our facility, and then ship it to the UK, without clearing it through EU customs. At the time, you confirmed this was possible.

Now, to finalize this deliverable (recognizing that we can further develop it during FEED), I wanted to ask your advice:

- Would it make sense for me to provide you with all relevant TARIC codes for potential feedstocks at this stage?
- Or is this something better addressed in detail during the **FEED phase**?

As a reminder, GPF operates purely as a tolling service: the customer supplies the product CIF/DAP Amsterdam, we pretreat it, return it on an FOB basis, and charge a fee (storage + pretreatment). We never take title to or purchase the product ourselves.

Looking forward to your guidance.

Have a nice evening.  
Jean-Noel

# Products

Usable feedstock

# Products

Feedstock	CN Code	Remark
UCO	15180095	
	15180091	
Animal fat Cat 1	15180095	
Animal fat Cat 3	15021010	When imported from third countries, comply with 1069/2009 (REFINED)
	15180095	High Grade ?Refined? (processed according to Method 7) in the EU
POME	15220090	
Brown grease	38231990	
Sewage sludge oil	38231990	

# Customs and Compliance main elements

An overview of the requirements or processes to be sorted out prior to go-live

Customs and Compliance main elements

# Customs Authorizations

Inward Processing

Guarantee

Veterinary Controls

Import Controls Cites

Import Control Waste

Traces System