



**Bespoke Services**

# Bespoke Services

In addition to the development and supply of our own products, we also offer related services including:

Bespoke blending	Component sourcing
Packing	Global logistics
Laboratory analytical and physical testing	

Our refineries and blending facilities in Harwich, Bourgtheroulde and in Hamburg-Wilhelmsburg provide more than 80 specialised fuel blenders and storage tanks from 600 L to 880,000 L with dedicated automated drumming lines.

To ensure complete product integrity, each blender has an independent pump, a main and a jet line. Outstanding blend accuracy is delivered using a highly sophisticated radar tank gauging system. To further protect our product integrity, all packing and bulk loading is via a 2 micron filter and a hydrophilic cartridge to remove particulates or traces of water.

All sites are ISO 9001 and ISO 14001 accredited which means that you can be assured that all activity conducted on behalf of customers is of the highest quality. To further facilitate distribution, extensive third party storage facilities are available for bulk and packed products all over the world.

The quality control and development laboratories at Harwich and Hamburg are well equipped with a broad range of petrochemical testing and analytical apparatus including automatic equipment for measuring density, flash point, aniline point, cold flow properties (e.g. pour point, CFPP), distillation profiles, and vapour pressure. In addition, a comprehensive range of manual equipment and wet chemical techniques covering relevant ASTM and IP methods are available.

The analytical laboratories have extensive capabilities and expertise in gas chromatography (GC/FID, Headspace, GC/MS, thermal desorption, Reformulyzer, PIONA), liquid chromatography (HPLC), elemental analysis (atomic absorption, x-ray fluorescence, atomic fluorescence) and spectroscopy (FTIR, UV-Visible). There are also distillation pilot-plant facilities capable of processing charges of up to 20 litres within the Harwich Technical Centre.

**PASSION PRAGMATISM PARTNERSHIP**

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