

Industrial Heating Oil

A commercial heating fuel, ideal for heaters and furnaces



0330 123 1144



What is Industrial Heating Oil?

Industrial Heating Oil, also known as IHO, is a blend of petroleum fractions and performance additives which provide a more economical alternative to diesel applications.

Our product has been developed specifically for use in commercial heating applications and is commonly used in large public buildings, factories, distilleries, hotels, quarries and grain dryers.

Blended at our in-house facilities in Bury, Lancashire and at the Nustar Terminal in Eastham, it's a fully rebated product (nil excise duty), which means it's strictly prohibited for use in both on and off-road vehicles or any other mobile or static engines.

High quality fuel

We source our own blend components internationally and have a team of chemists with more than 60 years' industry experience.

All incoming raw materials are quality checked in our onsite laboratory facility and blended fuel isn't released until it's been tested and approved through our lab.

Many other industrial heating fuels can include components derived from straight waste oils, increasing the chance of plant failure due to fouling and decreases the efficiency of heat transfer. Both are key causes of increased fuel consumption.

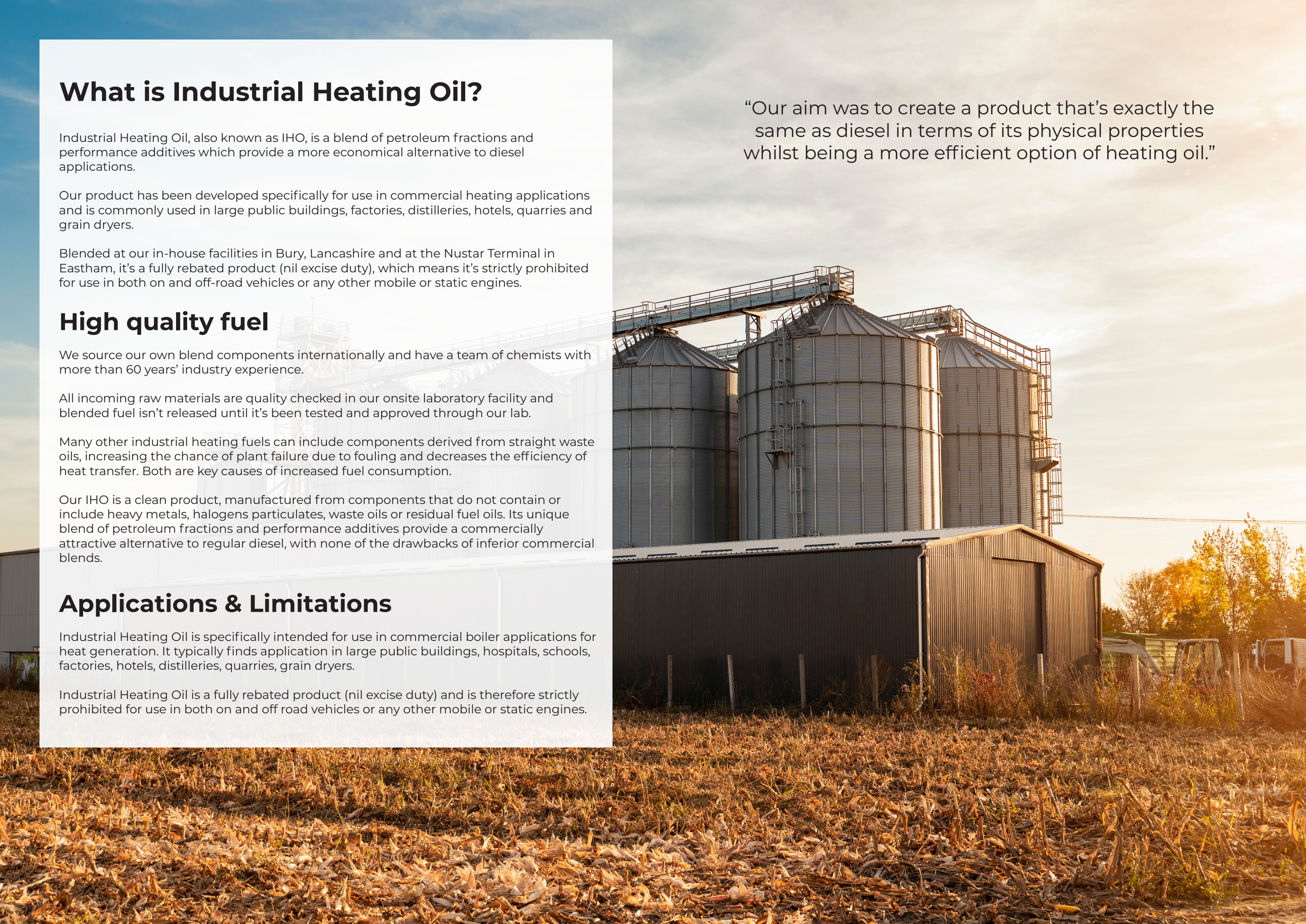
Our IHO is a clean product, manufactured from components that do not contain or include heavy metals, halogens particulates, waste oils or residual fuel oils. Its unique blend of petroleum fractions and performance additives provide a commercially attractive alternative to regular diesel, with none of the drawbacks of inferior commercial blends.

Applications & Limitations

Industrial Heating Oil is specifically intended for use in commercial boiler applications for heat generation. It typically finds application in large public buildings, hospitals, schools, factories, hotels, distilleries, quarries, grain dryers.

Industrial Heating Oil is a fully rebated product (nil excise duty) and is therefore strictly prohibited for use in both on and off road vehicles or any other mobile or static engines.

“Our aim was to create a product that's exactly the same as diesel in terms of its physical properties whilst being a more efficient option of heating oil.”



“With no equipment modifications required, winter grade fuel and a prolonged shelf life, you can store IHO safely all year round.”

Features & Benefits

- Compatible and totally miscible with commercially available heating oils, diesel and hydrogenated vegetable oils – no need to empty fuel tanks before receipt of IHO deliveries
- Same calorific value as diesel – same heat output for less money
- Same physical properties as diesel – no burner modifications required
- Low CFPP/pour point – allows year round summer/winter performance
- Contains multifunctional additive – improves combustion efficiency, reduces combustion chamber deposits and provides fuel system cleanliness and corrosion protection.
- Light colour, low odour, sediment free – much cleaner than some commercially available products



Drop-in alternative to gas oil



No risk of waxing in cold temperatures





Prolonged shelf life - store year-round

IHO
Benefits



Cost-effective - same heat output for less



Provides fuel system cleanliness



Specification

Parameter	Unit	Minimum	Maximum	Typical
Appearance	-	Clear & bright Pale yellow Free from visible sediment		Pass
Density at 15°C	kg/m³	0.820	-	0.830
Kinematic viscosity at 40°C	mm²/s	1.50	5.0	2.4
Carbon residue (Ramsbottom on 10% residue)	% (m/m)	-	0.30	<0.30
Flash point (PMCC)	°C	45	-	58
Water content	mg/kg	-	200	100
Particulate content	mg/kg	-	10	<10
Ash content	% (m/m)	-	0.01	<0.01
Sulphur content	% (m/m)	-	0.10	0.05
Copper corrosion (3 hrs at 50°C)	Class	-	1	1
Cold filter plugging point Summer Winter	°C °C	- -	-4 -12	-25 -25
Strong acid number	mgKOH/g	-	nil	nil
Oxidation stability	g/m³	-	25	<25
Fatty acid methyl ester (FAME)	% (v/v)	-	-	None added
Gross calorific value	MJ/kg MJ/litre	- -	- -	46.00 38.00
Lubricity at 60°C (HFRR)	µm	-	460	300



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