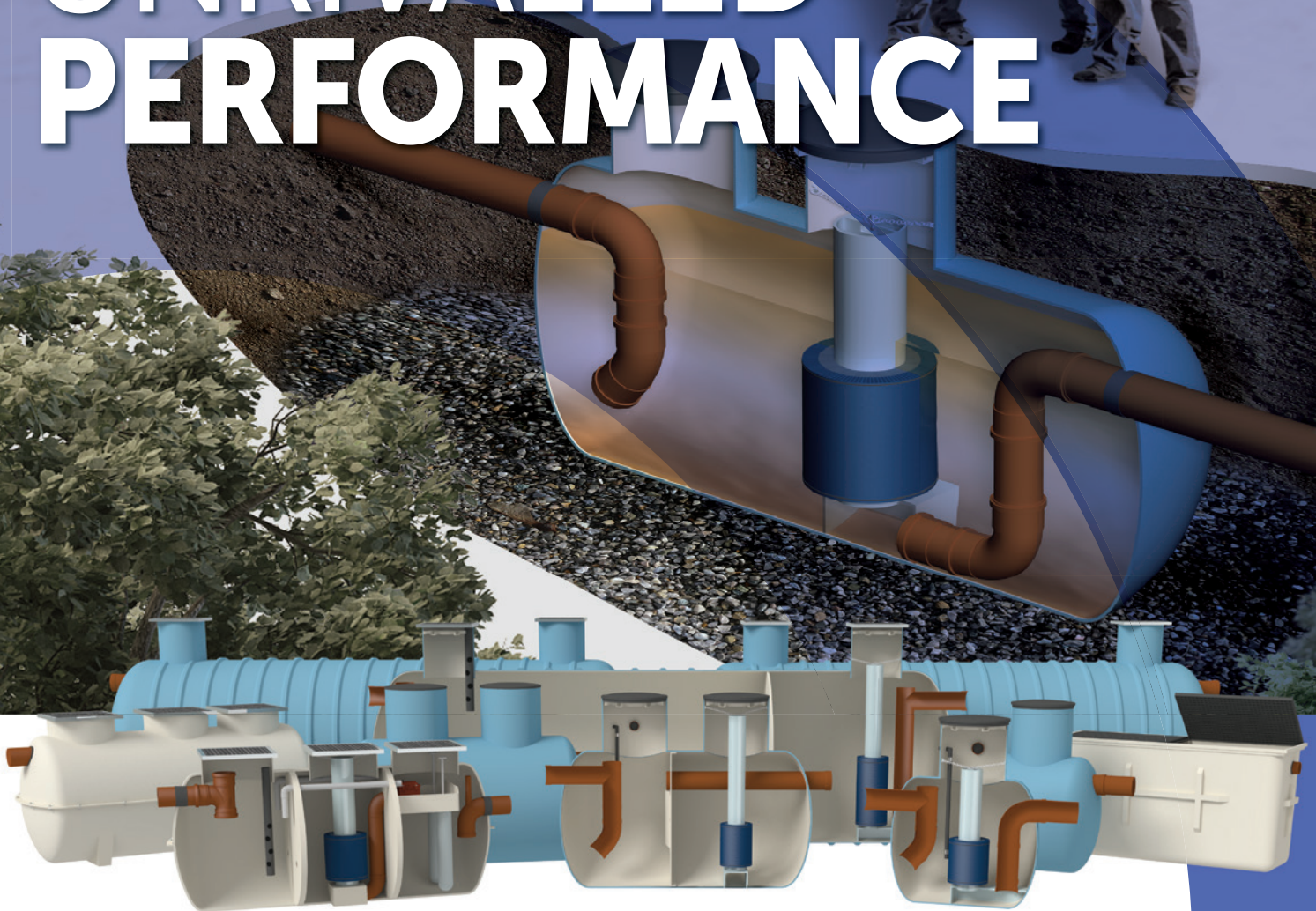


# UNRIVALLED CHOICE with UNRIVALLED PERFORMANCE



## Marsh Hydroil™ and Marator™

### FULLY TESTED AND CERTIFIED OIL SEPARATORS, WASH-DOWN SEPARATORS AND SILT TRAPS

Independently tested and approved to BSEN858 parts 1 & 2, the Marsh 'Marator' and 'Hydroil' range features bypass, full retention and forecourt separators.

High quality internal working components such as coalescing filters, automatic closure devices, weirs, high level alarms, oil skimmer plates and their configurations makes the Marsh range of oil separators, wash-down separators and silt traps the most modern and efficient units currently available to the market today.

Visit [www.marshindustries.co.uk/separators](http://www.marshindustries.co.uk/separators) >



	Separator type	Drainage area (m <sup>2</sup> )	Oil storage (L)	Accreditation
	<p><b>Marsh:Marator</b>  <b>High performance full retention oil separator</b>                      For use on sites where the 'industry standard' is just not good enough</p> <p><b>Typical applications</b>  <i>Car parks</i>                      <i>Vehicle workshops</i>  <i>Roadways</i>                        <i>Refuel facilities</i>  <i>Industrial estates</i>              <i>Fuel storage sites</i></p>	340-1137	60-200	<p><b>BS EN 858</b>                      Discharge 50x better than current EN standards                      &gt;0.1mg/ltr discharge (Industry standard 5mg/ltr)</p>
	<p><b>Marsh:Hydroil</b>  <b>Full retention oil separator</b>                      For use on sites where there is a 'high risk' of oil contamination</p> <p><b>Typical applications</b>  <i>Vehicle workshops</i>  <i>Refuel facilities</i>  <i>Fuel storage sites</i></p>	170-15,582	30-2750	<b>BS EN 858</b>
	<p><b>Marsh:Hydroil</b>  <b>Bypass oil separator</b>                      For use on sites where there is a 'low risk' of oil contamination</p> <p><b>Typical applications</b>  <i>Car parks</i>  <i>Roadways</i>  <i>Industrial estates</i>  <i>SuDS</i></p>	1700-84,990	45-2255	<b>BS EN 858</b>
	<p><b>Marsh:Hydroil</b>  <b>Forecourt separator</b>                      For use on sites where there is a 'significant risk' of oil contamination</p> <p><b>Typical applications</b>  <i>Petrol stations</i>  <i>Refuel facilities</i>  <i>Fuel storage sites</i></p>		10,000 (Class 1 and 2)	<b>BS EN 858</b>
	<p><b>Marsh:Hydroil</b>  <b>Wash-down separators / silt traps</b>                      Wash-down separators are primarily used on car wash bays, pressure wash facilities or other cleaning facilities where the effluent must be discharged to the foul water drainage system.                      Silt traps are positioned ahead of an oil separator where it gathers and stores silt and sediment, preventing it from entering the oil separator system.</p>		<p>Wash-down separators                      2800-20,000                      Silt traps                      830-3400</p>	

## FULLY TESTED AND CERTIFIED



### Oil separators (EN 858-1)

Oil separators must be tested to EN 858-1 achieving a final discharge concentration of <math><5\text{mg/l}</math>. Furthermore, in line with the British Water How To Guide: (Applying the CIRIA SuDS Manual Simple Index Approach to Proprietary/Manufactured Stormwater Treatment Devices), "the free phase hydrocarbon mitigation indices for class 1 separators can be up to 0.975".

Marsh successfully tested its Marsh:Marator and Marsh:Hydroil separators at PIA, Aachen, to EN858-1, with the Marator passing all sample tests at <math><0.1\text{mg/litre}</math>.

### Structural integrity testing

Structural integrity tests, performed in accordance with EN ISO 179-1/1eA: 2010-11, were undertaken to evaluate the strength of Marsh Industries' GRP materials against similar GRP materials used by other manufacturers.

Three separate material samples were submitted for impact testing; Marsh GRP material (virgin unfilled resin), a GRP material containing calcium fillers and a GRP material containing sand filler.

The tests involved 12 samples of each material at a size of 80x10x5mm. The nominal pendulum energy was 15J at an impact velocity of 3.8m/s.

Results proved Marsh GRP material to be 40% stronger than the other materials tested.

### Fire resistant testing

Fire resistance testing was performed to assess ignitability of products subjected to direct impingement of flame. Marsh Industries' GRP material passed all practical testing to achieve EN ISO 11925-2:2010 standard.

## WHAT OUR CUSTOMERS SAY

Marsh Hydroil bypass separators are manufactured from virgin unfilled resin offering exceptional durability, impact resistance and are guaranteed to be watertight and of uniform thickness. These combined properties ensure that the full range of separators stand up to the most rigorous conditions during their service life. Read on to find out what our customers say about our products...

“

*We would not hesitate to recommend Marsh Industries line of separators. Excellent service with knowledgeable technical assistance for the more tricky jobs. Each quote has an exceptional level of detail and information, including all necessary spec sheets - invaluable for specialist merchants like ourselves. Highly recommended.*

“

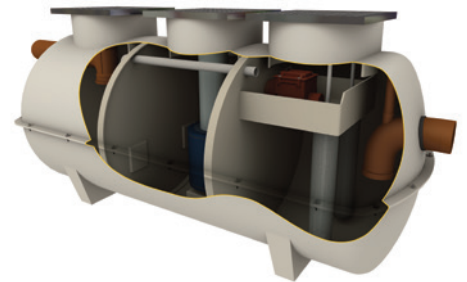
*Speaking to experts in their field, such as those at Marsh Industries, provides us with confidence that the correctly sized tank is supplied and installed. Their systems are innovative and generally on quick lead times.*

“

*Marsh is our first point of call for all enquiries for oil separators.*

*Their guidance covers everything from design, commercial advice and on-site installation support.*

*They take care to match the product with the customers' needs, providing quality products and an overall service that is second to none.*



“

*We rely on Marsh as a knowledgeable, friendly supplier of oil separators.*

*Their commercial guidance covers everything from design to installation support if required. They offer quality products and an excellent service, and they take care to match products to the requirements of the client.*

“

*Their experienced and knowledgeable representatives promptly and accurately interpret our requirements. We put full confidence in Marsh from pricing to completion for all of our separator requirements.*

“

*Marsh Industries is our first stop for our separator enquiries. Their extensive product knowledge and expertise not only includes for the specification and design of product, but also specific advice on separators requiring deep inverts and heavy-duty shells, as well as on-site installation and after sales support.*

*They take particular care in matching the product with our customers' needs, and in doing so offer a first class service and a quality product.*

Visit [www.marshindustries.co.uk/separators](http://www.marshindustries.co.uk/separators)



+44 (0)1933 654582 | [separators@marshindustries.co.uk](mailto:separators@marshindustries.co.uk) | [marshindustries.co.uk](http://marshindustries.co.uk)

## MARSH HYDROIL AND MARATOR CASE STUDIES



### **Magna Park, Lutterworth**

To comply with strict regulations for oil and hydrocarbon separation on discharge, the requirement for Marsh full retention oil separators was identified alongside two additional bypass separators and a forecourt separator to protect against major fuel spillages.



### **Titanic Docks, Belfast**

Three Marsh full retention oil separators were specified and installed during summer 2020 to meet strict environmental regulations on this site for a global online retailer, located within the Titanic Quarter of Belfast.



### **Symmetry Park, Bicester**

As part of the expansion of this industrial site, including a new warehouse development for a major parcel distribution facility, four Marsh full retention oil separators were specified alongside a forecourt oil separator to protect against major fuel spillages and to comply with strict regulations for oil and hydrocarbon separation on discharge.



### **Recovery site, near South Downs National Park**

The above Marator65 was specified and installed at an HGV recovery site located close to the South Downs National Park. Owing to the sensitive environmental issues surrounding this site and with effluent being discharged into a river, the Marsh Marator was specified due to its exceptional discharge quality of 0.1mg/l (industry standard: 5mg/l).



*A great company that excels in communication, availability, sales and technical awareness. We highly recommend.*

**For more detailed technical information and specifications, contact Shelagh Crabb on:  
07469 204971 | [shelagh.crabb@marshindustries.co.uk](mailto:shelagh.crabb@marshindustries.co.uk)**

Visit [www.marshindustries.co.uk/separators](http://www.marshindustries.co.uk/separators)



+44 (0)1933 654582 | [separators@marshindustries.co.uk](mailto:separators@marshindustries.co.uk) | [marshindustries.co.uk](http://marshindustries.co.uk)

