

Success Story

KWE Indonesia

KWE
Global Logistics Partner

Shipping Liquid Cargo through Flexibags


Managing liquid cargo shipment for an oil
management solution provider

APL
Logistics

Challenge

Transporting used cooking oil (UCO) involves navigating stringent safety regulations. A leading oil management solutions provider sought a dependable partner that could deliver cost-effective, efficient, and sustainable shipping solutions. KWE was selected to fulfil these critical requirements.





Flexibag is a thin, airtight, flexible bag used to be placed in dry containers for bulk transport of non-hazardous liquids and powders.

Solution

Streamlining Processes, Costs and Carbon Emissions Through Flexibags

KWE Indonesia collaborated with the client to devise a **tailored shipping strategy utilizing flexibags, surpassing alternative methods in cost and process efficiency.** The use of flexibags offered enhanced load capacity and reduced the need for handling equipment, streamlining the shipping process and lowering the environmental impact.

Solution

Flexibag offers the following advantages:

Increased Load Capacity

Flexibags can hold up to 24,000 litres (6,340 gallons) of liquid cargo, significantly enhancing [container usage efficiency](#). This capacity allowed for the transportation of more products per container load, reducing the number of container movements needed, [lowering transportation costs and environmental impact](#). To illustrate, one flexibag can replace approximately 85 drums.

Ease of Use

Designed for simplicity, flexibags ensure a quick and efficient setup compared to alternative methods of using drums or intermediate bulk containers. Loading and unloading process can be expedited, eliminating the need for additional handling equipment.



Cost Effective Bulk Transportation

Flexibags significantly reduce transportation costs due to their large capacity, offering a lower cost per litre. Lightweight and compact, these bags are economical to store and transport when empty and require no cleaning, [reducing recurring maintenance costs that are typical with traditional containers.](#)

Low Carbon Footprint

Made from recyclable polyethylene film, flexibags offer an environmentally friendly solution to bulk liquid transport. Their lightweight and space-efficient design, combined with high load capacity, reduce the energy required for transportation. This leads to [less waste and lower carbon emissions](#), decreasing the overall carbon footprint of each shipment.





Results

The use of flexibags in transporting UCO marked a shift towards more sustainable and cost-effective logistics practices for our client. This approach not only met the client's immediate logistical needs but also aligned with broader environmental goals by reducing the carbon footprint associated with traditional shipping methods. Through meticulous planning and execution, KWE Indonesia reinforced its commitment to innovative, client-focused solutions that adhere to the highest standards of safety and sustainability.



What can **KWE** do for you?

Offer expert advisory services that are tailored to your specific challenges and problems

Create quality and reliable solutions pertaining to your logistic concerns

Provide various transportation options with our vast network of carriers