

# **Automatic Energy Storage Container for Oil Refineries**





## Overview

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The purpose of this study is to investigate the potential use of solar energy within an oil refinery to reduce its fossil fuel consumption and greenhouse gas emissions. A validated ASPEN HYSYS model w.

What are oil tanks for storage of crude oil?

Oil tanks for storage of crude oil are industrial-grade containers designed to store large volumes of unrefined petroleum. These tanks serve as temporary holding spaces for crude oil before it undergoes processing or is distributed to refineries or shipping terminals.

Why should you choose TEC's crude oil & HFO storage tank?

With optional thermal fluid, steam, or direct fire heating integration, and modular ISO-framed mobility, it delivers a flexible, compliant solution for refineries, terminals, blending facilities, and remote energy sites worldwide. Why Choose TEC's Crude Oil & HFO Storage Tank?

Struggling with safe storage for heavy, viscous products?

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What is a crude & HFO storage tank?

The Crude & HFO Storage Tank from TEC Container Solutions provides high-capacity, insulated static storage for crude oil, heavy fuel oils (HFO), and other high-viscosity products. Built with a double-walled, fully banded design, it ensures environmental protection while maintaining stable product temperatures even in harsh conditions.

What are hydrocarbon storage tanks used for?

Hydrocarbon storage tanks are used in various industries and logistics environments. In refineries, to store crude oil and refined products. In export terminals, for dispatch by tankers. In chemical and petrochemical plants, as part of the production process. In service stations, with underground tanks and control systems.



## Automatic Energy Storage Container for Oil Refineries

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Unlike traditional static tanks, TEC's Crude & HFO Storage Tank features an ISO-framed design, making it easy to transport, relocate, and redeploy across terminals, refineries, and remote





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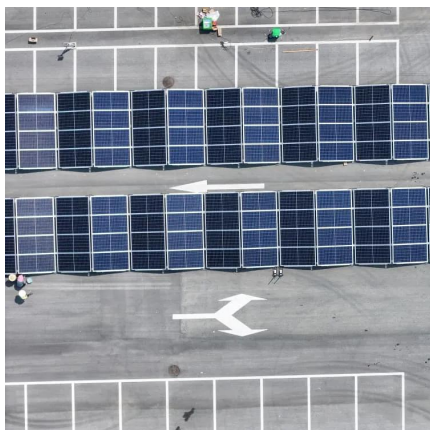
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## Industrial Energy Storage Containers

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