

Activated Oil Bleaching Adsorbent (Reactivable)

TURBOSORB™



TURBOSORB is our proprietary **reactivable adsorbent**, developed for efficient purification, decolorization, **sulfur removal**, and upgrading of a wide range of oils. It is successfully applied in transformer oil regeneration, distilled black oil polishing, base oil upgrading, and treatment of diesel, distilled fuel, naphtha, jet fuel and paraffin. By removing sulfur, color bodies, impurities, and oxidation products, **TURBOSORB** significantly improves oil quality, stability, and appearance. **TURBOSORB** is available in **two standard mesh sizes (10/30 and 20/50)** to provide optimum performance in different polishing and regeneration applications.

The material offers **high surface area (205–251 m²/g)**, low moisture, and excellent adsorption capacity. With controlled particle size distribution, high bulk density, and low fines content, **TURBOSORB** ensures efficient flow, low pressure drop, and long service life in polishing columns.



BX-B2050

BX-T1030

Key Features

* Main duty:

sulfur removal from oils and fuels

* Applications:

transformer oil regeneration, distilled black oil polishing, base oil upgrading, and treatment of diesel, distilled fuel, naphtha, jet fuel and paraffin.

* Mesh sizes:

10/30 (mean diameter 1.65 mm) and
20/50 (mean diameter 0.74 mm)

* High surface area:

205–251 m²/g for maximum adsorption efficiency

* Bulk density:

0.87–0.90 g/cm³ for stable packing

* Controlled abrasion resistance for reactivation and reuse

* Consistent chemical composition:

rich in Al₂O₃ (89%) with minor Fe₂O₃, SiO₂, TiO₂, and natural alumina minerals

(Böhmite, Gibbsite, Corundum, Hematite, Kaolinite)

* Supplied in big bags or paper bags;

other grit sizes available on request

By combining high adsorption performance with the possibility of **Thermal Reactivation**, **TURBOSORB** provides a **sustainable, cost-effective solution** for long-term oil purification & regeneration – trusted in both **industrial and high-spec fuel applications such as jet fuel.**

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