

# VGO Hydrotreating Pathway to High-Quality Base Oils

# HydroPureX™

NEW

In cooperation with our partners, Enviroflex delivers **engineering, technology, and complete solutions for high-capacity VGO (Vacuum Gas Oil) hydrotreating units**. Starting from crude oil refinery streams, VGO hydrotreating is the **critical step to upgrade feedstock into API Group II and Group III base oils, alongside ultra-low sulfur fuels**. Our advanced solutions integrate large-scale reactor systems, state-of-the-art catalyst technology, and optimized operating conditions to ensure:

- \* High-throughput production of premium base oils (API Group II & III)
- \* Efficient removal of sulfur, nitrogen, aromatics, and metals
- \* Enhanced oxidation stability and longer service life of base oils
- \* Simultaneous production of ultra-clean transportation fuels
- \* Compliance with the most stringent international standards

Designed for refineries and lube oil producers, our turnkey VGO hydrotreating systems combine capacity, reliability, and energy efficiency-enabling profitable large-scale base oil and fuel upgrading.



Industrial VGO Hydrotreating Plant



## Hydroprocessing Reactor Unit

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