



TURKISH ACCREDITATION AGENCY

ACCREDITATION CERTIFICATE

As a Testing Laboratory

XENOL ENERJİ SANAYİ VE TİCARET ANONİM ŞİRKETİ

Central Address: DEMİRCİLEROSB MAH. NURİ TÜRKER CAD. No:4 /2/ DİLOVASI/KOCAELİ Kocaeli / Türkiye

is accredited in accordance with TS EN ISO/IEC 17025:2017 standard within the scope given in Annex following the assessment conducted by TURKAK.

Accreditation Number : AB-1592-T

Accreditation Date : 10.03.2021

Revision Date / Number : 07.05.2025 / 03


This certificate shall remain in force until **08.03.2029**, subject to continuing compliance with the standard **TS EN ISO/IEC 17025:2017**, related regulations and requirements.

Gülden Banu Müderrisoğlu
Secretary General



Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Agreement (MRA) in the scope of ISO/IEC 17025.

This document has been signed by Gülden Banu Müderrisoğlu with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.

 <p>Türk TS EN ISO/IEC 17025 AB-1592-T</p>	<p align="center">XENOL ENERJİ SANAYİ VE TİCARET ANONİM ŞİRKETİ</p> <p align="center">Accreditation Nr : AB-1592-T Revision Nr: 03 Date: 07.05.2025</p>	
	<p>Testing Laboratory</p>	
	<p>Address : DEMİRCİLEROSB MAH. NURİ TÜRKER CAD. No:4 /2/ DİLOVASI/KOCAELİ Kocaeli / Türkiye</p>	<p>Phone : +09 533 270 8389 Fax : - Email : kalite@xenol.com Website : www.xenol.com</p>

Lubricants		
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Mineral oils	Viscosity Index Calculation	ASTM D2270 TS ISO 2909
Mineral oils	Determination of Total Base Number (TBN) Potentiometric Perchloric Acid Titration Method	ASTM D2896
Mineral oils	Determination of Flash Point Cleveland Open Cup Method	ASTM D92 TS EN ISO 2592
Mineral oils	Kinematic Viscosity Determination and Calculation of Dynamic Viscosity	ASTM D445 TS EN ISO 3104
Mineral oils	Determination of Pour Point Automatic Air Pressure Method	ASTM D6749
Mineral oils	Total Acid Number (TAN) Determination Potensiometric Titration Method	ASTM D664
Mineral oils	Determination of Copper Strip Corrosion	ASTM D130 TS 2741 EN ISO 2160
Base oils, Mineral oils	ASTM Color Determination	ASTM D6045 TS 1713 ISO 2049
Base oils, Mineral oils	Determination of Density and Relative Density Oscillating U-Tube Method	ASTM D4052 TS EN ISO 12185
Base oils, Mineral oils	Determination of Water Amount Coulometric Karl Fischer Titration Method	ASTM D6304 TS 6147 EN ISO 12937
Base oils, Mineral oils	Determination of Evaporation Loss Noack Method	ASTM D5800 TS 13489
Base oils, Mineral oils	Determination of Apparent Viscosity Cold Crank Stimulator Method	ASTM D5293 TS 1896
Greases	Determination of Penetration	ASTM D217 TS 1799 ISO 2137
Greases	Determination of Pour Point	TS 1267 ISO 2176

