Current list of test methods within the flexible scope of accreditation

As a flexibly accredited test laboratory, we ensure that our technology and apply test standards always reflect the state of the art and call upon the latest international valid release version.

Due to the flexible scope of the accreditation (Category III) we are permitted to apply the standard test methods with the latest release version. Those are listed in Section 1-3.
The following list gives an overview of the **current test methods** in the flexible scope according to the accreditation certificate
Changes compared to the annex to the Accreditation Certificate are marked in red.
D-PL-18751-01-00 according to DIN EN ISO / IEC 17025-2018 from August 14, 2024.

1. Engine oils		
DIN 53000-1	**2023-07** (use from 27.08.2024)	Viscometry-Measurement of kinematic viscosity by means oft he Ubbelohde viscometer- Part 1: Viscometer specification and measurement procedure
DIN 51562-1	**1999-01** (use from 03.02.2004)	Viscometry-Determination of kinematic viscosity using the Ubbelohde viscometer- Apparatus and measurement procedure
DIN 51659-2	**2017-02** (use from 27.08.2024)	Lubricants – Test methods – Part 2: Determination oft he kinematic viscosity of used lubricating oils by Stabinger viscometer
ASTM D 5293	**2025** (use from 21.05.2026)	Standard Test Method for Apparent Viscosity of Engine Oils and Base Stocks Between -10 °C and -35 °C Using Cold-Cranking Simulator
DIN ISO 2909	**2004-08** (use from 03.02.2004)	Petroleum products - Calculation of viscosity index from kinematic viscosity
DIN ISO 3016	**2019-09** (use from 07.11.2019)	Petroleum oils - determination of pour point
ASTM D 2896	**2026** (use from 12.11.2026)	Standard Test Method for Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration
DIN ISO 2049	**2001-06** (use from 12.05.2004)	Petroleum products - Determination of colour (ASTM scale)
DIN EN ISO 12185	**2024-06** (use from 28.08.2024)	Crude petroleum and petroleum products – Determination of density - Oscillating U-tube method
DIN 51451	**2024-03** (use from 13.03.2024)	Testing of petroleum products and related products – Analysis by infrared spectrometry-General working principles

ASTM D 5800	**2021** (use from 23.11.2021)	Standard Test Method for Evaporation Loss of Lubricating Oils by the Noack Method
2. Automotive gear oils		
DIN 53000-1	**2023-07** (use from 27.08.2024)	Viscometry-Measurement of kinematic viscosity by means oft he Ubbelohde viscometer- Part 1: Viscometer specification and measurement procedure
DIN 51562-1	**1999-01** (use from 03.02.2004)	Viscometry-Determination of kinematic viscosity using the Ubbelohde viscometer- Apparatus and measurement procedure
DIN 51659-2	**2017-02** (use from 27.08.2024)	Lubricants – Test methods – Part 2: Determination oft he kinematic viscosity of used lubricating oils by Stabinger viscometer
DIN ISO 2909	**2004-08** (use from 03.02.2004)	Petroleum products - Calculation of viscosity index from kinematic viscosity
DIN ISO 3016	**2019-09** (use from 07.11.2019)	Petroleum oils - determination of pour point
ASTM D 2896	**2026** (use from 12.11.2026)	Standard Test Method for Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration
DIN ISO 2049	**2001-06** (use from 12.05.2004)	Petroleum products - Determination of colour (ASTM scale)
DIN EN ISO 12185	**2024-06** (use from 28.08.2024)	Crude petroleum and petroleum products – Determination of density - Oscillating U-tube method
DIN 51451	**2024-03** (use from 13.03.2024)	Testing of petroleum products and related products – Analysis by infrared spectrometry-General working principles
ASTM D 5800	**2021** (use from 23.11.2021)	Standard Test Method for Evaporation Loss of Lubricating Oils by the Noack Method
3. Hydraulic oils (HL, HLP, HVLP)		
DIN 53000-1	**2023-07** (use from 27.08.2024)	Viscometry-Measurement of kinematic viscosity by means oft he Ubbelohde viscometer- Part 1: Viscometer specification and measurement procedure

DIN 51562-1	**1999-01** (use from 03.02.2004)	Viscometry-Determination of kinematic viscosity using the Ubbelohde viscometer- Apparatus and measurement procedure
DIN 51659-2	**2017-02** (use from 27.08.2024)	Lubricants – Test methods – Part 2: Determination oft he kinematic viscosity of used lubricating oils by Stabinger viscometer
DIN ISO 3016	**2019-09** (use from 07.11.2019)	Petroleum oils - determination of pour point
DIN ISO 2049	**2001-06** (use from 12.05.2004)	Petroleum products - Determination of colour (ASTM scale)
DIN EN ISO 12185	**2024-06** (use from 28.08.2024)	Crude petroleum and petroleum products – Determination of density - Oscillating U-tube method
DIN 51451	**2024-03** (use from 13.03.2024)	Testing of petroleum products and related products – Analysis by infrared spectrometry-General working principles
ASTM D 5800	**2021** (use from 23.11.2021)	Standard Test Method for Evaporation Loss of Lubricating Oils by the Noack Method