**LUBRICANTS and OILS**

**PROFICIENCY TESTS**

**for 2024 (January – December)**

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| **LUBRICANTS and OILS** | | | | |
| **Proficiency Testing Scheme** | **Provisional Scope \*)** | **ID of PT** | **Final registration date** | **Sample dispatch date** |
| Base Oil | Total Acid Number, Air Release time, Color ASTM, Conradson and Ramsbottom Carbon Residue, Density, Evaporation loss by Noack, Flash Point C.O.C., Kinematic Viscosity (40 and 100°C), Viscosity Index, Kinematic Viscosity Stabinger (40 and 100°C), Pour Point, Rust Prevention, Sulfur, Water and Water Separability. | iis24L03 | 12 Apr 2024 | 24 Apr 2024 |
| Engine Oil (fresh) | Total Acid Number, Base Number, Color ASTM, Conradson and Ramsbottom Carbon Residue, Density, Evaporation loss by Noack, Flash Point (C.O.C. and PMcc), Foaming Characteristics, Kinematic Viscosity (40 and 100°C), Viscosity Index, Viscosity Stabinger (40 and 100°C), Viscosity Apparent (CCS), Viscosity HTHS, Nitrogen, Pour Point, Sulfated Ash, Sulfur, Water and some elements (Ca, P and Zn). | iis24L07 | 3 May 2024 | 15 May 2024 |
| Engine Oil (used) | The regular sample is available for: Total Acid Number, Base Number, Density, Flash Point PMcc, Fuel Dilution, Kinematic Viscosity (40 and 100°C), Viscosity Index, Kinematic Viscosity Houillon and Water. | iis24L08 | 3 May 2024 | 15 May 2024 |
| Engine Oil (used) Metals | A separate sample is available for metal analysis only (23 elements). | iis24L08M | 3 May 2024 | 15 May 2024 |
| Level of Contamination in Lubricants | This PT is a lubricant sample specially prepared for the determination of Level of Contamination according to ASTM D7647 | iis24L15 | 3 May 2024 | 15 May 2024 |
| Gear Oil (fresh) | Total Acid Number, Copper Corrosion, Density, Flash Point (C.O.C. and PMcc), Foaming Characteristics, Kinematic Viscosity (40 and 100°C), Viscosity Index, Pour Point, Rust Prevention, Sulfur, Water, Water Separability and some elements (Ca, P and Zn). | iis24L01 | 23 Feb 2024 | 6 Mar 2024 |
| Gear Oil (used) | Total Acid Number, Density, Flash Point PMcc, Kinematic Viscosity (40 and 100°C), Viscosity Index, Membrane Filtration, Water and over 20 elements. | iis24L02 | 23 Feb 2024 | 6 Mar 2024 |
| Hydraulic Oil (fresh) | Total Acid Number, Copper Corrosion, Density, Flash Point PMcc, Foaming Characteristics, Kinematic Viscosity (40 and 100°C), Viscosity Index, Viscosity Stabinger (40 and 100°C), Pour Point, Sulfur, Water, Water Separability and some elements (Ca, P and Zn). | iis24L09 | 20 Sep 2024 | 2 Oct 2024 |
| Hydraulic Oil (used) | The regular sample is available for: Total Acid Number, Density, Flash Point PMcc, Kinematic Viscosity (40 and 100°C), Viscosity Stabinger (40 and 100°C), Sulfur and Water. | iis24L10 | 20 Sep 2024 | 2 Oct 2024 |
| Hydraulic Oil (used) Metals | A separate sample is available for metal analysis only (23 elements). | iis24L10M | 20 Sep 2024 | 2 Oct 2024 |

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**PROFICIENCY TESTS**

**for 2024 (January – December)**

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| **LUBRICANTS and OILS** | | | | |
| **Proficiency Testing Scheme** | **Provisional Scope \*)** | **ID of PT** | **Final registration date** | **Sample dispatch date** |
| PCBs in Mineral Oil | Individual congeners Polychlorinated Biphenyls, Aroclors and Total Organohalogenic Compounds (TOX) as Cl. | iis24L13 | 18 Oct 2024 | 30 Oct 2024 |
| Transformer Oil (fresh) | Tests from the IEC60296 and ASTM D3487 profiles and other tests: Total Acidity, Appearance, Breakdown Voltage, Color ASTM, Density, Di-electric Dissipation Factor, Specific Resistance, Flash Point (C.O.C. and PMcc), Interfacial Surface Tension, Kinematic Viscosity at 40°C, Water and some additives. | iis24L11 | 18 Oct 2024 | 30 Oct 2024 |
| Transformer Oil (used) | The regular sample is available for: tests from the IEC60296 and ASTM D3487 profiles and other tests: Total Acidity, Breakdown Voltage, Density, Di-electric Dissipation factor, Specific Resistance, Flash Point (C.O.C. and PMcc), Interfacial Surface Tension, Kinematic Viscosity at 40°C and Water. | iis24L12 | 18 Oct 2024 | 30 Oct 2024 |
| Transformer Oil (used) Furanics | A separate sample is available for Furanic analysis only. | iis24L12F | 18 Oct 2024 | 30 Oct 2024 |
| Transformer Oil DGA | Dissolved gas analysis. Syringe of 50 mL. | iis24L14 | 21 Aug 2024 | 30 Oct 2024 |
| Turbine Oil (fresh) | Total Acid Number, Air Release time, Density, Flash Point C.O.C., Foaming Characteristics, Kinematic Viscosity (40 and 100°C), Viscosity Index, Pour Point, Sulfur, Water, Water Separability and some elements (Ca, P and Zn). | iis24L04 | 12 Apr 2024 | 24 Apr 2024 |
| Turbine Oil (used) | Total Acid Number, Color ASTM, Density, Flash Point C.O.C., Insoluble Color Bodies, Kinematic Viscosity (40 and 100°C), Viscosity Index, Oxidation Stability, Water and Water Separability. | iis24L05 | 12 Apr 2024 | 24 Apr 2024 |

\*) To see the actual scopes of all previous PTs, you may be interested to download the available PT reports from the ‘News and Reports’ on iis website www.iisnl.com.

**LUBRICANTS and OILS Registration Form**

Please use this form to enroll in the proficiency test (PT) program 2024 of the Institute for Interlaboratory Studies or use the electronic form at www.iisnl.com.

Please return this form to:  
Institute for Interlaboratory Studies  
Attention to ing. R.J. Starink  
P.O. Box 200, 3200 AE Spijkenisse, The Netherlands  
e-mail to: nl.iis@sgs.com

**2024 program**

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| --- | --- | --- | --- | --- | --- | --- |
| Tick to order participation | ID of PT | Final registration date | Participation costs, excluded transport, etc.  \*) | | Tick to order Certificate of Performance | Price, sub total |
|  |  |  | **each** | **set price** | **each €25** |  |
| ○ | iis24L01 | 23 February 2024 | € 370 |  | ○ |  |
| ○ | iis24L02 | 23 February 2024 | € 370 |  | ○ |  |
| ○ | iis24L03 | 12 April 2024 | € 370 |  | ○ |  |
| ○ | iis24L04 | 12 April 2024 | € 370 |  | ○ |  |
| ○ | iis24L05 | 12 April 2024 | € 370 |  | ○ |  |
| ○ | iis24L07 | 3 May 2024 | € 370 |  | ○ |  |
| ○ | iis24L08 | 3 May 2024 | € 370 | € 475 | ○ |  |
| ○ | iis24L08M | 3 May 2024 | € 370 | ○ |
| ○ | iis24L15 | 3 May 2024 | € 370 |  | ○ |  |
| ○ | iis24L09 | 20 September 2024 | € 370 |  | ○ |  |
| ○ | iis24L10 | 20 September 2024 | € 370 | € 475 | ○ |  |
| ○ | iis24L10M | 20 September 2024 | € 370 | ○ |
| ○ | iis24L11 | 18 October 2024 | € 370 |  | ○ |  |
| ○ | iis24L12 | 18 October 2024 | € 370 | € 475 | ○ |  |
| ○ | iis24L12F | 18 October 2024 | € 370 | ○ |
| ○ | iis24L13 | 18 October 2024 | € 370 |  | ○ |  |
| ○ | iis24L14 | \*\*) 21 August 2024 | € 650 |  | ○ |  |

\*) Besides transport costs, other costs may be applicable, see ‘Overview of Costs’. All prices are in Euro and excluding VAT.

**\*\*) Please understand that the final registration date for DGA PT iis24L14 is August 21, 2024. The DGA syringes have to be ordered timely by iis.**

The undersigned agrees with the corresponding fees (see costs overview in separate form) and our General Terms and Conditions (documents available on request or via www.iisnl.com).

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| --- | --- | --- | --- |
| Lab code  (when available): |  | Date: |  |
| Company name: |  | City and Country: |  |
| Name of contact person: Mr. / Mrs. |  | Name of authorized manager: Mr. / Mrs. |  |

Please complete also the contact, delivery and invoice details on the “Contact Details” form.