



MS ISO/IEC 17025

# Certificate of Accreditation

No: SMM 660

Valid until: 19 August 2017

This is to certify that

**LUBETECH SDN BHD**  
**SHAH ALAM, SELANGOR**  
**MALAYSIA**  
(FIELD OF TESTING: CHEMICAL)

has been granted accreditation in respect of the scope of accreditation described in the SCHEDULE attached, subject to the terms and conditions governing the *Skim Akreditasi Makmal Malaysia (SMM)*, the Laboratory Accreditation Scheme of Malaysia.

*"This laboratory is accredited in accordance with the recognised International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer joint ISO-ILAC-IAF Communiqué dated January 2009)".*

Issuance of this certificate is governed by Section 16 Subsection (2) and (3) of Standards of Malaysia Act 1996, (Act 549).

**(FADILAH BAHARIN)**

Director General

Department of Standards Malaysia

Date of issue: 19 August 2014

NO: SAMM 660

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LABORATORY LOCATION:  
(PERMANENT LABORATORY)LUBETECH SDN BHD  
NO. 8, JALAN UTAS 15/7  
40915 SHAH ALAM  
SELANGOR, MALAYSIA

This laboratory accredited under *Skim Akreditasi Makmal Malaysia* (SAMM) meets the requirements of MS ISO/IEC 17025:2005 'General requirements for competence of testing and calibration laboratories'. This Malaysian Standards is identical with ISO/IEC 17025:2005 published by the International Organization for Standardization (ISO).

FIELD OF TESTING: CHEMICAL

SCOPE OF ACCREDITATION:

Materials/ Products Tested	Type Of Test/ Properties Measured / Range Of Measurement	Standard Test Method/ Equipment/Techniques
Petroleum Products	Dynamic Viscosity and Density of Liquids by Stabinger Viscometer (and the Calculation of Kinematic Viscosity) @ 40°C and 100°C	ASTM D7042
	Apparent Viscosity of Engine Oils and Base Stocks Between -5 and -35°C using Cold Cranking Simulator	ASTM D5293
	Pour Point of Petroleum Products	ASTM D97
	Flash and Fire Points by Cleveland Open Cup Tester	ASTM D92

Signatories:

- |                       |                   |
|-----------------------|-------------------|
| 1. Rosnita Rosli      | A/1909/4265/02    |
| 2. Mok Mun Siew       | A/2769/5501/09    |
| 3. Siti 'Azizah Ahmad | A/3897/6514/13/13 |

FIELD OF TESTING: CHEMICAL

SCOPE OF ACCREDITATION:

Materials/ Products Tested	Type Of Test/ Properties Measured / Range Of Measurement	Standard Test Method/ Equipment/Techniques
Petroleum Products	Determination of Additive Elements in Lubricating Oils by Inductively Coupled Plasma Atomic Emission Spectrometry (Boron (B), Barium (Ba), Calcium (Ca) Magnesium (Mg), Molybdenum (Mo) Phosphorus (P), and Zinc (Zn)).	ASTM D4951

Signatories:

- |                  |                |
|------------------|----------------|
| 1. Rosnita Rosli | A/1909/4265/02 |
| 2. Lau Pui Yee   | L/1819/5996/11 |

