



MIKE LIU JIAN

Fuel Chemist

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Nationality Singaporean

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Mike Liu is a fuel & lubricant specialist with more than 20 years' experience in the field of oil testing, R & D, technical troubleshooting and product marketing & promotion. He obtained a B.Sc. in Chemical Engineering back in 1994. After graduation, he started his career in an independent lab, where he was testing petroleum and petrochemical products. He spent 16 years conducting dedicated hands-on laboratory work for various commercial organisations, gaining analytical skills in dealing with various types of oil products, as well as gaining knowledge of various ASTM, API, IP, ISO, DIN standards and test methods.

His experience extends to the tribology through his extensive work involving lubrication requirements for all kinds of machineries, including but not limited to internal combustion engines (both 2-stroke and 4-stroke), gas and steam turbines, transmission & hydraulic systems, compressors and pumps. His work was also related to troubleshooting and investigating various machine problems potentially caused by using specific fuel and lubrication oils.

Since joint Brookes Bell, Mike has been actively involving in various bunker fuel and Petroleum and Petrochemical cargo cases to help clients from P & I Clubs, Law firms, as well as Owners and Charterers solve complicated quality disputes, using his knowledge and experience gained over decades of dedicated work in the fuel and lube areas, as well as his laboratory analytical skills developed through many years of hands-on work in the laboratory working environment.

Mike is also instructed by clients to conduct vessel surveys for first-hand information collection and investigation. He is frequently requested by clients to attend laboratory analysis

involving investigative and advance analytical techniques such as GC/MS, and GC in order to collect information which is crucial for revealing the root cause of any fuel or other wet cargo quality dispute.

In many instances, Mike is directly responsible for outlining the analysis scope in order to solve complex quality disputes.

Mike has provided multiple expert reports for clients to mitigate quality disputes involving bunker fuel or cargoes. and has given expert witness testimony at Arbitration in Singapore, High Court proceedings in Malaysia, and District Court hearing in the USA.

Academic Qualifications

Bachelor of Science in Chemical Engineering.

Professional Memberships

Member of the Society of Petroleum Engineers

Previous Employment History

Fuel Chemist at Brookes Bell in Singapore

Technical Service Manager for Fuels & Lubricants, BASF South East Asia

Product Manager for Lube Oil at Hin Leong Trading/Ocean Tankers

Product Development Chemist at Evonik Oil Additives Asia Pacific

Senior Chemist at United Oil Company

Chemist at Unicorn Oil Company Pte Ltd

Lab Analyst at SGSTL Pte Ltd