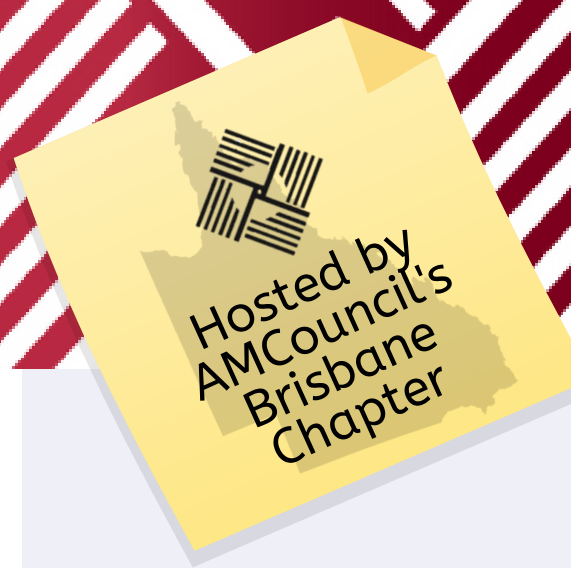


# Webinars



## LUBRICATION EXPLAINED

With more than a fifth of the world's total energy consumption originating from surface contact such as friction and wear, the financial and environmental imperative to proactively identify worn equipment is clear. Used oil analysis is one such technique for diagnosing equipment wear and forms an essential part of effective preventative maintenance programs.

For this presentation, Rafe Britton, lubrication engineer, will explore the fundamentals of oil analysis by establishing the need for oil analysis, outlining the principles for conducting and scheduling oil analyses, and discussing the interpretation and application of used oil analysis data in predicting equipment failures.



**Presented by:**  
**Rafe Britton,**  
Lubrication Engineer,  
**Lubrication  
Explained**

Rafe Britton is a mechanical engineer with over a decade of experience in the energy industry. He currently supports industry across the Oceania region (Aus, NZ, PNG, Pac Islands) in managing lubrication programs and enhancing their maintenance and reliability capabilities through used oil analysis. In former roles Rafe worked as a Senior Drilling Engineer within ExxonMobil, designing, planning and executing high complexity big-bore gas wells in the highlands of Papua New Guinea (PNG-LNG) as well as deepwater environments in offshore Western Australia (Gorgon-Jansz). During this time he also coordinated rig construction projects in Singapore after getting his start on the offshore Bass Strait oil platforms. Rafe holds a Bachelor of Aerospace Engineering and a Bachelor of Science from University of New South Wales, Australia.

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**Moderated by:**

**Peter Pennell,** Brisbane Chapter Committee, **Asset Management Council**

**Date:**

Tuesday,  
1 December  
2020

**Time:**

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