

Ingram Tribology

Marc Ingram – Biography



Qualifications

PhD Mechanical Engineering (Tribology) 2010. Imperial College London

MSci, Chemistry with Industrial experience 2006, University of Bristol

Professional Membership

Member of the Society of Tribologists and Lubrication Engineers (STLE)



Member of the American Section of the International Association for Testing Materials (ASTM)



Journal Publications

“The evolution of white etching cracks (WECs) in rolling contact fatigue-tested 100Cr6 steel” A. Richardson, MH Evans, L. Wang, R. Wood, M. Ingram, B. Meuth,

Tribology Letters 66(6), (2018) <https://doi.org/10.1007/s11249-017-0946-1>

“Thermal desorption analysis of hydrogen in non-hydrogen-charged rolling contact fatigue-tested 100Cr6 steel” A. Richardson, MH Evans, L. Wang, R. Wood, M. Ingram

Tribology Letters 66(4), (2018). <https://doi.org/10.1007/s11249-017-0947-0>

“A new scuffing test using contra-rotation” M. Ingram, C. Hamer, H. Spikes.

Wear 328 (2015), 229-240 <https://doi.org/10.1016/j.wear.2015.01.080>

“The Development of a laboratory Screening Method to Optimize Lubrication Maintenance of High Voltage Equipment” M. Ingram, P. Denyer, P. Cann,

NLGI Spokesman 76(6), (2012), 9-21

“Frictional properties of automatic transmission fluids: part II—origins of friction—sliding speed behaviour” M. Ingram, J. Noles, R. Watts, S. Harris, H. Spikes,

Tribology Transactions 54(1), (2011), 154-167 <http://dx.doi.org/10.1080/10402004.2010.531889>

“Frictional properties of automatic transmission fluids: Part I—Measurement of friction-sliding speed behavior” M. Ingram, J. Noles, R. Watts, S. Harris, H. Spikes,

Tribology Transactions 54(1), (2011), 145-153 <https://doi.org/10.1080/10402004.2010.531888>

“Thermal behaviour of a slipping wet clutch contact” M. Ingram, T. Reddyhoff, H. Spikes

Tribology Letters 41(1), (2011) 23-32 <https://doi.org/10.1007/s11249-010-9669-2>

“Contact properties of wet clutch friction material” M. Ingram, H. Spikes, J. Noles, R. Watts

Tribology International 43 (2010) 815-821 <https://doi.org/10.1016/j.triboint.2009.11.008>

Invited Talks

“White etched cracking in wind turbines – assessing the role of lubrication”, ELGI & ICIS Industrial Lubricants conference, Vienna, October 2017

“Tribology in Industry” Tribo UK 2017, Imperial College London, April 2017

“Gear oil formulation and testing” at the Wind Turbine Tribology seminar. Argonne National Labs, October 2016

“From post docs to a post that rocks!” Imperial College London, Mechanical Engineering Postdoc Research Showcase, June 2016