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TE 77	A method for the assessment of the coefficient of friction of articular cartilage and a replacement biomaterial	H Mahmood, D Eckold, I Stead, DET Shepherd, DM Espino, K D Dearn
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TE 66	Micro-abrasive wear mechanisms of P/M AISI M2 steel with different surface treatments	EAS de Almeida, AP Krelling, JCG Milan
TE 66	Micro-abrasive wear of PVD duplex and single-layered coatings	JCA Batista, A Matthews, C Godoy
TE 66	Micro-abrasive Wear of Semi-crystalline Polymers	Mergler Y J, Huis in t' Veld A J,
TE 66	Microabrasive Wear of Titanium Chrome Plated	CS Martín, VV María, VT Manuel
TE 66	Micro-abrasive wear resistance of CoB/Co 2 B coatings formed in CoCrMo alloy	GA Rodriguez-Castro, CD Reséndiz-Calderon
TE 67	Micro-scale abrasion and sliding wear of zirconium-lithium silicate glass-ceramic and polymer-infiltrated ceramic network used in dentistry	CS Silva, B Henriques, APN de Oliveira, F Silva, JR Gomes, JCM Souza
TE 66	Micro-Scale Abrasion of WC-Based Coatings with Different Abrasive Type	Z Kamdi, PH Shipway, KT Voisey
TE 66	Micro-scale abrasion wear of novel biomedical PEEK-matrix composites for restorative dentistry	JCM Souza
TE 66	Micro-scale abrasive wear behavior of medical implant material Ti-25Nb-3Mo-3Zr-2Sn alloy on various friction pairs	Z Wang, W Huang, Y Ma
TE 66	Microscale Abrasive Wear of Polymeric Materials	Shipway P H, Ngao N K,
TE 66	Micro-scale abrasive wear of some sealing elastomers	LI Farfán-Cabrera, EA Gallardo-Hernández
TE 66	Micro-Scale Abrasive Wear Resistance of a Nanoceramic Sealant Applied on Galvanized Low Carbon Steel	Anael P. Krellinga, Jefferson L. Jeronimoa , Ivandro Bonettia , Gabriela Rabethgea , Heitor F. Penskya , Raíssa R.S. Bibowa , Bruna F. Zappelinob, Julio C.G. Milanc , Cesar E. da Costac
TE 66	Micro-scale abrasive wear testing of CR-NX coatings	S Lakel, K Almi, Y Berriche
TE 66	Micro-scale abrasive wear testing of duplex and non-duplex (single-layered) PVD (Ti, Al) N, TiN and Cr-N coatings	JCA Batista, C Godoy, A Matthews
TE 66	Micro-scale wear characteristics of electroless Ni–P/SiC composite coating under two different sliding conditions	M Franco, W Sha, S Malinov, H Liu
TE 66	Microstructural and tribological characterization of niobium boride coating produced on AISI 1020 steel via multicomponent boriding	AP Krelling, EAS Almeida, CE da Costa, JCG Milan

DN 44	Microstructure and fretting wear behavior of Ni based composite coatings reinforced by SiO(2) nanoparticles	HM Wang, B Jiang, BS Xu, SN Ma, SY Dong
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TE 53	Microstructure and Wear Behavior of Plasma-Sprayed Nanostructured WC–Co Coatings	G Di Girolamo, F Marra, L Pilloni, G Pulci
TE 67	Microstructure and Wear Properties of In Situ Production of (Fe, Cr) 7C3 Particulate Bundles Reinforced Iron Matrix Composites	LS Zhong, FX Ye, JL Tian, YH Xu
TE 77	Microstructure and wear properties of silicide based coatings over Mo–30W alloy	B Paul, PK Limaye, RC Hubli, AK Suri
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TE 77	Multifunctional Ti based carbonitride coatings for applications in severe environments	CI Pruncu, A Vladescu, AC Parau, M Braic, KD Dearn
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TE 66	Novel Methods for Characterizing the Mechanical Durability of Automotive Paint Systems	Pickles M J, Trezona R I, Hutchings I M, Ramamurthy A C, Freese J W,
TE 68	Novel Methods for Characterizing the Mechanical Durability of Automotive Paint Systems	Pickles M J, Trezona R I, Hutchings I M, Ramamurthy A C, Freese J W,
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TE 77	Self-Lubricating Cold-Sprayed Coatings Utilizing Microscale Nickel-Encapsulated Hexagonal Boron Nitride	LM Stark, I Smid, AE Segall, TJ Eden
TE 77	Self-lubricating Ni-P-MoS 2 composite coatings	Y He, SC Wang, FC Walsh, YL Chiu
TE 67	Self-mated tribological systems based on multilayer micro/nanocrystalline CVD diamond coatings	E Salgueiredo, CS Abreu, M Amaral, FJ Oliveira, J.R. Gomes, R.F. Silva
TE 92	Sensitivity of the Stribeck curve to the pin geometry of a pin-on-disc tribometer	E Hansen, B Frohnapfel, A Codrignani
TE 74	Serial Sectioning, FIB and TEM Investigations of Butterfly and White Etching Crack (WEC) Formation	M Evans, L Wang and R Wood
TE 77	Shape-preserving machining produces gradient nanolaminate medium entropy alloys with high strain hardening capability	W Guo, Z Pei, X Sang, JD Poplawsky, S Bruschi, J Qu

TE 92	Si3N4 and Si3N4/SiC Composite Rings for Dynamic Sealing of Circulating Fluids	Carrapichano J M, Gomes J R, Oliveira R J, Silva R F
TE 92	Significant enhancement of tribological properties of microcapsule/epoxy composites in the presence of high loads by incorporating PTFE	Y Ren, K Gao, S Ying, Y Zhao, L Zhang, D Guo, G Xie
TE 92	Significant friction reduction of high-intensity pulsed ion beam irradiated WC-Ni against graphite under water lubrication	G Zhang, Y Wang, Y Liu, X Liu, Y Wang
TE 79	Silver-promoted ceramic conversion treatment of the Ti6Al4V alloy and its mechanical performance	Zhenxue Zhang, Yuejiao Zhang, Peize Li, Andrew Burns, Xiaoying Li, Hanshan Dong
TE 74	Simplified tribological approach for predesign of wind turbine bearing cases, combined with model test investigation	I Grozev, S Dalal, N Bagcivan et al
TE 77	Simulated fuel dilution and friction-modifier effects on piston ring friction	O Smith, M Priest, RI Taylor, R Price, A Cantlay, R Coy
TE 77	Simultaneous Film Thickness and Friction Measurement for a Piston Ring-Cylinder Contact	E Y Avan, R S Mills, R S Dwyer-Joyce
TE 66	Sliding and abrasive wear of composite sol–gel alumina coated Al alloys	S Wilson, HM Hawthorne, Q Yang, T Troczynski
TE 77	Sliding Friction and Wear Behaviour of Several Nickel Aluminide Alloys Under Dry and Lubricated Conditions	Blau P J, De Vore C E,
TE 77	Sliding friction and wear of magnesium alloy AZ91D produced by two different methods	PJ Blau, M Walukas
TE 79	Sliding Wear and Friction Behavior of CrN-coating in Ethanol and Oil-Ethanol Mixture	AL Bandeira, R Trentin, C Aguzzoli, MEH Maia da Costa, AF Michels, IJR Baumvol, MCM Farias
TE 67	Sliding Wear Behavior of Cast Iron: Influence of MoS 2 and Graphite Addition to the Oil Lubricant	BK Prasad, S Rathod, MS Yadav
TE 79	Sliding wear behaviour of ZrN and (Zr, 12wt% Hf) N coatings	E Atar, ES Kayali, H Cimenoglu
TE 67	Sliding wear characteristics of grey cast iron as influenced by sliding speed, load and environment	BK Prasad
TE 67	Sliding Wear of Alumina.	Gee M G,
TE 67	Sliding wear of cobalt-based alloys used in rolling seamless tubes	LE Falqueto, DJ Butkus, JDB De Mello, AC Bozzi

TE 77	Sliding Wear of Electrically Conductive ZrO2−WC Composites Against WC–Co Cemented Carbide	K Bonny , P De Baets, J Vleugels, A Salehi, O Van der Biest, B Lauwers and W Liu
TE 67	Sliding Wear of Plasma Nitrided Steels	Podgornik B, Vizintin J,
TE 77	Sliding Wear of Plasma-Sprayed Chromium Oxide-Silica Coating	Ahn H-S, Lee S K,
TE 67	Sliding wear of PP/UHMWPE blends: effect of blend composition	S A R Hashmi, Somit Neogi, Anuradha Pandey and Navin Chand
TE 67	Sliding wear resistance of Al-alloy particulate composites: An assessment on its efficacy	R Dasgupta
TE 67	Sliding wear resistance of metal matrix composite layers prepared by high power laser	V Ocelík, D Matthews, JTM De Hosson
TE 67	Solid Freeform Fabrication of In Situ SiC/C Thermocouples in Macrocomponents	L Sun, LL Shaw
TE 67	Solid lubrication in fluid film lubrication	MM de Oliveira Jr, G Hammes, C Binder
TE 68	Solid Particle Erosive Wear Testing.	Hutchings I. M.,
TE 77	Solution decomposition of zinc dialkyl dithiophosphate and its effect on antiwear and thermal film formation studied by X-ray absorption spectroscopy	MLS Fuller, M Kasrai, GM Bancroft, K Fyfe, KH Tan
TE 77	Solution Decomposition of Zinc Dialkyl Dithiphosphate and its Effect on Antiwear and Thermal Film Formation Studies by X-Ray Absorption Spectroscopy.	Suominen Fuller M L, Kasrai M, Bancroft G M, Fyfe K, Tan K H,
TE 67	Some Observations of Ceramic-Metal Sliding Wear.	Gee M G,
TE 73	Some Recent Research on the Perbury Variable-Speed Gear	Plint M A,
TE 66	Some thoughts on neural network modelling of microabrasion–corrosion processes	P Srinivasa Pai, MT Mathew, MM Stack, LA Rocha
TE 66	Some thoughts on neural network modelling of microabrasion–corrosion processes	P Srinivasa Pai, MT Mathew, MM Stack and LA Rocha
TE 66	Some views on micro-abrasion mechanisms for HVOF WC-Co based coatings	MT Mathew, MM Stack

TE 66	Some views on the construction of bio-tribo-corrosion maps for a Titanium alloy in Hanks solution: particle concentration and applied loads effects	MM Stack, W Huang, G Wang
TE 77	Spatial Distribution of the Chemical Species Generated Under Rubbing from ZDDP and Dispersed Potassium Triborate	K Masenelli-Varlot, M Kasrai, GM Bancroft, G De Stasio, B Gilbert, ES Yamaguchi, PR Ryason
TE 77	Specific testing techniques in tribology: laboratory techniques for evaluating friction, wear, and lubrication	S Achanta, D Drees
TE 77	Spectromicroscopy of tribological films from engine oil additives. Part I. Films from ZDDPs	GW Canning, ML Suominen Fuller, GM Bancroft, MI Kasrai; JN Cutler, G De Stasio, B Gilbert
TE 77	Squeak and Rattle Behavior of Elastomers and Plastics: Effect of Normal Load, Sliding Velocity, and Environment	Martin A Trapp, Roman Pierzecki
TE 77	Squeak and Rattle Behavior of Filled Thermoplastics: Effect of Filler Type and Content on Acoustic Behavior	Martin A Trapp, Roman Pierzecki
TE 77	Squeeze film lubrication in piston rings and reciprocating contacts	RI Taylor
TE 77	Statistical Methods to Formulate Belt Drive Cvt Fluids With High Friction Coefficients	William C Ward, Carlos L Cerda de Groote
TE 77	Steel coating application for engine block bores by Plasma Transferred Wire Arc spraying process	G Darut, H Liao, C Coddet, JM Bordes
TE 86	Stem trunnion taper junction wear with femoral head of a total modular prosthesis	Constantin Tiganesteanu, Liviu Florin Isvoranu, Stefan Alexandru Ilas
TE 68	Stepwise Erosion as a Method for Determining the Mechanisms of Wear in Gas Borne Particulate Erosion	Gee M G, Gee R H, McNaught I,
TE 66	Stress state and fracture behavior of alumina–mullite intragranular particulate composites	FC Zhang, HH Luo, TS Wang, M Zhang and YN Sun
TE 67	Stresses, friction, and wear on different materials and design for temporomandibular joint total joint replacement (TMJ TJR)	H Pinto-Borges, J Pinto, O Carvalho, B Henriques et al
TE 77	Structure and properties of the TiN and Ti (C, N) coatings deposited in the PVD process on high-speed steels	LA Dobrzański, M Adamiak
TE 77	Stuck Servovalves in Aircraft Hydraulic Systems	Sharma S K, Snyder CE, Gschwender L J, Liang J C, Schreiber B F,

TE 79	Study of 3D Metal Printed and Metal Filled Epoxy Materials for Rapid Tooling in Injection Molding	JV Abellán-Nebot, J Serrano, K Habib et al
TE 66	Study of Abrasive Resistance of Composites for Dental Restoration by Ball-cratering	Vale Antunes P, Ramalho A,
TE 77	Study of innovative surface modifications for Ti-13Nb-13Zr alloy: assessment of wear and corrosion behaviour	C Richard, G Manivasagam and J Landoulsi
TE 77	Study of interaction of EP and AW additives with dispersants using XANES	Z Zhang, M Najman, M Kasrai, GM Bancroft, ES Yamaguchi
TE 77	Study of Lubricity Characteristics of Non-Edible Vegetable based Bio-lubricant and Low SAP Engine Lubricants	D Singh, AK Singh, N Singh
TE 77	Study of multi-junction Bismuth based perovskite solar cell	F Cao
TE 77	Study of silane-based antiwear additives: Wear and chemistry	LG Yu, ES Yamaguchi, M Kasrai
TE 67	Study of sliding wear of the wheel flange-Rail gauge corner contact conditions: Comparative between cast and forged steel wheel materials	LPF de Almeida, LE Falqueto, H Goldenstein, AC Bozzi
TE 77	Study of surface films of crystalline and amorphous overbased sulfonates and sulfurized olefins by X-ray absorption near edge structure (XANES) spectroscopy	MT Costello, RA Urrego, M Kasrai
TE 77	Study of surface films of overbased sulfonates and sulfurized olefins by X-Ray Absorption Near Edge Structure (XANES) spectroscopy	MT Costello, M Kasrai
TE 77	Study of the Chemistry of Films Generated from Phosphate Ester Additives on 52100 Steel Using X-ray Absorption Spectroscopy	MN Najman, M Kasrai, GM Bancroft, A Miller
TE 77	Study of the Interaction of ZDDP and Dispersants Using X-ray Absorption Near Edge Structure Spectroscopy—Part 2: Tribochemical Reactions	ES Yamaguchi, Z Zhang, M Kasrai, GM Bancroft
TE 77	Study of Tribochemical Film Formation using X-Ray Absorption and Photoelectron Spectroscopies	Kasrai M, Fuller M, Scaini M, Yin Z, Brunner R W, Bancroft G M, Fleet M E, Fyfe K, Tan K H,

TE 66	Study on Abrasion and Corrosion Resistance of Ti-6Al-4V Alloy Implanted by Carbon in Hank's Simulated Body Fluid	CH Liang, QQ Yu, JL Li, NB Huang, Hui Yang
DN 44	Study on the Fretting Wear Behavior and Mechanism of Nuclear Alloy 690 Tube	JN Mei, F Xue, ZX Wang, GD Zhang
TE 77	Study on Tribological Behavior of Surface Micro-arc Oxidation 6061 Aluminum Alloy	YC Lin, YH Chen
TE 53	Subsurface modifications in powder metallurgy aluminium alloy composites reinforced with intermetallic MoS2 particles under dry sliding wear	M Lieblich, J Corrochano, J Ibáñez, V Vadillo
TE 77	Surface activity of high-temperature perfluoropolyalkylether oil additives	PJ John, J Liang, JN Cutler
TE 77	Surface and Interface Designs for Friction Control	S Hsu, G Patakamuri, L Li
TE 77	Surface and Tribological Characterization of Coatings for Friction and Wear Reduction	Simko S J, Militello M C, Tung S C,
TE 77	Surface chemistry of new lubrication systems for high-speed spacecraft bearings	JN Cutler, JH Sanders, JS Zabinski, PJ John, JR McCutchen, LS Kasten, KH Tan
TE 77	Surface engineering to improve the durability and lubricity of Ti-6Al-4V alloy	DG Bansal, OL Eryilmaz
TE 92	Surface Fatigue of Engineering Polymers in Rolling Contact	Stolarski T A, Hosseini S M, Shogo Tobe,
TE 77	Surface finishing: Impact on tribological characteristics of WC-Co hardmetals	K Bonny, P De Baets, J Quintelier, J Vleugels
TE 77	Surface micro-texturing of the prosthetic femoral head to reduce friction & wear, chimera or reality?	L Capitanu, LL Badita, C Tiganesteanu, V Florescu
TE 92	Surface modification of polytetrafluoroethylene (PTFE) fibers through methyl methacrylate (MMA) polymerization for self-lubricating composites	Xuhui Sun, Lin Zhang, Chengcheng Yu, Guoxin Xie, Yinbo Li, Xiaoyi Wu, Xiaopeng Li, Dan Guo
TE 66	Surface modification of Ti–6Al–4V alloys using triode plasma oxidation treatments	G Cassar, JC Wilson, S Banfield, J Housden
TE 79	Surface modification of titanium by plasma nitriding	MP Kapczinski, C Gil, EJ Kinast, CA Santos
DN 44	Surface property enhancement of Ni-free medical grade austenitic stainless steel by low-temperature plasma carburising	J Buhagiar, L Qian

DN 55	Surface property enhancement of Ni-free medical grade austenitic stainless steel by low-temperature plasma carburising	J Buhagiar, L Qian
TE 92	Surface strength of silicon nitride in relation to rolling contact performance measured on ball-on-rod and modified four-ball tests	W Wang, M Hadfield
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TE 82	Surface treatment of tool steels against galling failure	P Psyllaki, K Stamatiou, I Iliadis
TE 77	Surface-capped molybdenum sulfide nanoparticles–a novel type of lubricant additives	AY Suslov, VN Bakunin, GN Kuz'mina, LM Vedeneeva, O Parenago, C Migdal, P Stott
TE 77	Surface-Capped Molybdenum Sulfide Nanoparticles–a Novel Type of Lubricant Additives	VN Bakunin, AY Suslov, GN Kuz'mina, LM Vedeneeva,
TE 66	Synergistic effects of micro-abrasion–corrosion of UNS S30403, S31603 and S32760 stainless steels	JO Bello, RJK Wood, JA Wharton,
TE 77	Synergistic lubrication mechanism of nanodiamonds with organic friction modifier	AK Piya, L Yang, AAS Omar, N Emami, A Morina
TE 77	Synthesis and Application of Polymer Brush-Grafted Nanoparticles as Hydrogel Gelators and Lubricant Additives	RAE Wright
TE 77	Synthesis and characterisation of rapeseed oil bio-lubricant–its effect on wear and frictional behaviour of piston ring–cylinder liner combination	S Arumugam, G Sriram
TE 77	Synthesis and Properties of Electrodeposited Ni–Co/WS2 Nanocomposite Coatings	Y He, S Wang, W Sun, PAS Reed, FC Walsh
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TE 73	Synthetic Fluids for High Capacity Traction Drives	Hammann W C, Schisla R M, Groenweghe L C D, Gash V W,
TE 92	Synthetic of phenolic resin@ SiO2 containing PAO6 to reinforce the tribological properties of PTFE/aramid fabric liner composites	Wenli Zhang, Jiangbo Li, Shiyun Cheng, Tao Hu, Fei Lu, Xiaolei Li, Chenhui Zhang
TE 77	Temperature Effects on Mechanical Properties of Zinc Dithiophosphate Tribofilms	K Demmou, S Bec, JL Loubet, JM Martin

TE 77	Temperature Effects on the Wear Behaviour of Particulate Reinforced Al-Based Composites	Martin A, Rodriguez J, Llorca J,
TE 67	Temperature field and wear prediction for UHMWPE acetabular cup with assumed rectangular surface texture	GN Dong, M Hua, J Li, KB Chuah
DN 55	Temperature-frequency wear mechanism maps for a heat-resistant austenitic stainless steel	C Zhang, RW Neu
TE 77	Test Method to Evaluate Cylinder Liner-Piston Ring Coatings for Advanced Heat Engines	K C Radil
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TE 77	Testing Extreme Pressure and Anti-Wear Performance of Crankcase and Gearbox Lubricants	Alliston-Greiner A F, Plint A G, Plint M A,
TE 77	Testing Extreme Pressure and Anti-Wear Performance of Crankcase and Gearbox Lubricants.	Alliston-Greiner A F, Plint A G, Plint M A,
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TE 68	The Abrasive and Erosive Wear of Polymeric Paint Films	Rutherford K L, Trezona R I, Ramamurthy A C, Hutchings I M,
TE 67	The Application of Confocal Scanning Microscopy to the Examination of Ceramic Wear Surfaces.	Gee M G, McCormick N J,
TE 92	The bi-Gaussian theory to understand sliding wear and friction	S Hu, N Brunetiere, W Huang, X Liu, Y Wang
TE 87	The Biotribology of PEEK-on-HXLPE Bearings Is Comparable to Traditional Bearings on a Multidirectional Pin-on-disk Tester	D Baykal, R S Siskey, R J Underwood, A Briscoe, S M Kurtz
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TE 77	The Combined Effects of ZDDP, Surface Texture and Hardness on the Running-in of Ferrous Metals	Do H, Lin R C,
TE 54	The composition and friction-reducing properties of leaf layers	M Watson, B White, J Lanigan, T Slatter, R Lewis
TE 77	The Composition and Structure of Model Zinc Dialkyldithiophosphate Anti-Wear Films	Bell J C, Delargy K M,
TE 77	The Correlation of Microchemical Properties to Antiwear (AW) Performance in Ashless Thiophosphate Oil Additives	MN Najman, M Kasrai, GM Bancroft, BH Frazer, G De Stasio
TE 77	The decomposition reaction path of a linear PFPAE under tribological conditions	LS Helmick, JC Liang, BE Ream
TE 57	The depletion of ZDDP additives within marine lubricants and associated cylinder liner wear in RNLI lifeboat engines	M Anand, M Hadfield, B Thomas, R Cantrill
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TE 104	The Development of Testing of Polymer-Matrix Composites Running Under High-Speed Reciprocating Conditions	Bayliss R W, Stirling C A, Alliston-Greiner A F, Plint A G,
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TE 86	The effect of acetabular cup position on wear of a large-diameter metal-on-metal prosthesis studied with a hip joint simulator	Vesa Saikko , Tiina Ahlroos , Hannu Revitzer, Oskari Ryti, Petri Kuosmanen
TE 53	The Effect of Coatings on the Wear Behavior of Ti6Al4V Alloy Used in Biomedical Applications	? Dan??man, D Odabas, M Teber - IOP Conference Series
TE 77	The Effect of Ethanol Fuel-Diluted Lubricants on the Friction of Oil Control Ring Conjunction: A Combined Analytical and Experimental Investigation	Morris N, Byrne S, Forder M, Dolatabadi N, King P, Rahmani R, Rahnejat H, Howell-Smith S

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TE 67	The Effect of Heat Treatment on Sliding Wear Behaviour of a Zinc-Based Alloy Containing Nickel and Silicon	BK Prasad
TE 79	The Effect of Load and Relative Humidity on Friction Coefficient Between High Density Polyethylene on Galvanized Steel - Preliminary Results	Da Silva C H, Tanaka D K, Sinatora A,
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TE 77	The effect of residual stresses in functionally graded alumina–ZTA composites on their wear and friction behaviour	S Novak, M Kalin, P Lukas, G Anne, J Vleugels, O Van Der Biest
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TE 77	The effect of soot and diesel contamination on wear and friction of engine oil pump	F Motamen Salehi, A Morina, A Neville
TE 77	The Effect of Steel Hardness on the Performance of ZDDP Antiwear Films: A Multi-Technique Approach	Yue-Rong Li, Gavin Pereira, Masoud Kasrai and Peter R Norton
TE 79	The Effects of Abrasive Particle Size on the Sliding Friction Coefficient of Steel using a Spiral Pin-on-disk Apparatus	Pintaude G, Tanaka D K, Sinatora A,

TE 88	The Effects of Additive Elements on the Sliding Wear Behaviour of Fe-base Hardfacing Alloys	Lee K Y, Lee S H, Kim Y, Hong H S, Oh Y M, Kim S J,
TE 66	The Effects of Ball Surface Condition in the Micro-Scale Abrasive Wear Test	Allsopp D N, Trezona R I, Hutchings I M,
TE 77	The Effects of Biodiesel and Petro-Diesel on The Tribological Performance of Engine Components	JC Tsai
TE 92	The Effects of Gamma Irradiation on the Fatigue Wear Resistance of Ultra High Molecular Weight Polyethylene	Choudhury M, Hutchings I M,
TE 66	The Effects of Irradiation and Aging on the Abrasive Wear Resistance of Ultra High Molecular Weight Polyethylene	Choudhury M, Hutchings I M,
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TE 67	The effects of surface conditioning and gear oil type on friction and wear behavior under sliding condition	IS Tertuliano, TP Figueiredo
TE 67	The Effects of Surrounding Atmosphere on the Wear of Sintered Alumina.	Perez-Unzueta A J, Beynon J H, Gee M G,
TE 67	The Formation of Aluminium Hydroxide in the Sliding Wear of Alumina.	Gee M G,
TE 67	The Formation of Glass in the Wear of Reaction Bonded Silicon Nitride.	Gee M G,
TE 53	The friction and wear of various hard-face claddings for deep-hole drilling	J Truhan, R Menon, F LeClaire, J Wallin, J Qu, P Blau,
TE 77	The Impact of Organomolybdenum Compounds on The Frictional Characteristics of Crankcase Engine Oils	Stipanovic A J, Schoonmaker J P,
TE 92	The importance of spectrum loading in 2% milled MoS2 powder greases using four ball wear test	GN Nehme

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TE 66	The Improvement of Hard Facing Coatings For Ground Engaging Applications by the Addition of Tungsten Carbide	AH Jones, P Roffey
TE 77	The Influence of Boundary Films on Lubricant Anti-Scuff Performance	Cooper D, Moore A J,
TE 77	The Influence of Composition on the Lubricity of Diesel Fuels	Hadley J W, Mills B,
TE 87	The influence of contact stress on the wear of cross-linked polyethylene	G Kandemir, S Smith, T J Joyce
TE 77	The Influence of Honed Surfaces on Metal-on-Metal Hip Joints	D Choudhury, R Walker, A Shirvani, R Mootanah
TE 77	The Influence of Honing on the Wear of Ceramic Coated Piston Rings and Cylinder Liners	Radil K,
TE 67	The influence of initial roughness and circular axial run-out on friction and wearbehavior of Si 3 N 4–Al 2 O 3 sliding in water	R Balarini, NF Strey, A Sinatora, C Scandian
TE 77	The Influence of Interfacial Potential on Friction and Wear in an Aqueous Drilling Mud	Brandon N P, Wood R J K,
TE 67	The Influence of Lead Suspension in Oil Lubricant on the Sliding Wear Behaviour of Cast Iron	BK Prasad, S Rathod, MS Yadav
TE 68	The Influence of Nozzle Length on the Divergence of the Erodent Particle Stream in a Gas-Blast Erosion Rig	Stevenson A N J, Hutchings I M,
TE 92	The influence of pin inclination on frictional behaviour in pin-on-disc sliding and its implications for test reliability	Hongzhi Yue, Johannes Schneider, Bettina Frohnapfel, Peter Gumbsch
TE 92	The influence of ring crack location on the rolling contact fatigue failure of lubricated silicon	Y Wang, M Hadfield
TE 77	The influence of start–stop transient velocity on the friction and wear behaviour of a hyper-eutectic Al–Si automotive alloy	JC Walker, TJ Kamps, RJK Wood
TE 92	The Influence of Temperature and Load on Dry Sliding Wear and Friction Property of Low Metallic Friction Material	LJ Gui, FY Zhang, ZJ Fan, JL Chen

TE 67	The Influence on Boundary Friction of the Permeability of Sintered Bronze	Pär Marklund , Kim Berglund, Roland Larsson
TE 77	The Investigation of ZDTP Anti-Wear Additive Surface Morphologies by Coupling Atomic Force Microscopy with Friction Measurements	Mowlem J, Laurion T, Landol M,
TE 77	The lubrication of both aluminium–silicon and model silicon surfaces with calcium sulphonate and an organic antiwear additive	M Burkinshaw, A Neville, A Morina, M Sutton
TE 77	The lubricity of graphite flake inclusions in sintered polyimides affected by chemical reactions at high temperatures	P Samyn, G Schoukens
TE 77	The lubricity of graphite flake inclusions in sintered polyimides affected by chemical reactions at high temperatures	Pieter Samyn and Gustaaf Schoukens
TE 92	The Measurement of Sliding Friction and Wear of Ceramics at High Temperature.	Gee M G, Matharu C S, Almond E A, Eyre T S,
TE 92	The Measurement of Wear and Friction at High Temperatures.	Gee M G, Matharu C S,
TE 77	The monitoring of coating health by in situ luminescent layers	Y He, SC Wang, FC Walsh, WS Li, L He, PAS Reed
TE 77	The Neutronic Engine: A Platform for Operando Neutron Diffraction in Internal Combustion Engines	M Wissink, CL Wray, PM Lee, MM Hoffmeyer et al
TE 77	The potential of plasma electrolytic oxidized eutectic aluminium-silicon alloy as a cylinder wall surface for lightweight engine blocks	K Mistry, M Priest, S Shrestha
TE 93	The Potential of Tribological Application of DLC/MoS2 Coated Sealing Materials	C Wang, A Hausberger, P Nothdurft, J Lackner
DN 55	The Prediction of Fretting Fatigue Resistance of Various Surface Modification Layers on 1045 Steel: Role of Fretting Maps	Xu G Z, Liu J J, Zhou Z R,
TE 77	The Removal of Substrate Material through Thick Zinc Dithiophosphate Anti-Wear Films	Bell J C, Delargy K M, Seeney A M,
DN 44	The role of martensite reorientation in the fretting behaviour of nickel titanium shape memory alloy	Qian L, Sun Q, Zhou Z

TE 88	The Role of Oxide Tribofilms on Friction and Wear of Different Thermally Sprayed WC-CoCr	JAR Wesmann, S Kuroda, N Espallargas
DN 44	The role of phase transition in the fretting behavior of NiTi shape memory alloy	L Qian, Z Zhou, Q Sun
TE 66	The Role of Test Conditions on Microabrasive Wear Behaviour of Soda-lime Glass	Shipway PH
TE 66	The Role of Test Conditions on the Micro-Abrasive Wear Behaviour of Soda-Lime Glass	Shipway P H,
TE 77	The role of the cation in antiwear films formed from ZDDP on 52100 steel	G Pereira, A Lachenwitzer, D Munoz-Paniagua, M Kasrai, P Norton, M Abrecht, P Gilbert
TE 53	The Rolling Sliding Wear Response of Conventionally Processed and Spray Formed High Speed Steel at Ambient and Elevated Temperature	Hanlon D N, Rainforth W M,
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