

Effects of Grease Composition and Structure on Film Th

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Influence of Soap Concentration and Oil Viscosity on the Rheology and Microstructure of Lubricating Greases. Industrial & Engineering Chemistry Research, 2006, 45, 1902-1910.	1.8	112
2	Thermorheological behaviour of a lithium lubricating grease. Tribology Letters, 2006, 23, 47-54.	1.2	92
3	Development of new lubricating grease formulations using recycled LDPE as rheology modifier additive. European Polymer Journal, 2007, 43, 139-149.	2.6	55
4	Recycled and virgin LDPE as rheology modifiers of lithium lubricating greases: A comparative study. Polymer Engineering and Science, 2008, 48, 1112-1119.	1.5	15
5	Effect of rheological behaviour of lithium greases on the friction process. Industrial Lubrication and Tribology, 2008, 60, 37-45.	0.6	36
6	Transient Shear Flow of Model Lithium Lubricating Greases. AIP Conference Proceedings, 2008, , .	0.3	0
7	Influence of soap/polymer concentration ratio on the rheological properties of lithium lubricating greases modified with virgin LDPE. Journal of Industrial and Engineering Chemistry, 2009, 15, 687-693.	2.9	36
8	Transient shear flow of model lithium lubricating greases. Mechanics of Time-Dependent Materials, 2009, 13, 63-80.	2.3	19
9	Influence of grease composition on rolling contact wear: Experimental study. Tribology International, 2009, 42, 569-574.	3.0	21
10	Experimental measuring procedure for the friction torque in rolling bearings. Lubrication Science, 2010, 22, 133-147.	0.9	36
11	Influence of grease formulation on thrust bearings power loss. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2010, 224, 935-946.	1.0	13
12	Evaluation of different polyolefins as rheology modifier additives in lubricating grease formulations. Materials Chemistry and Physics, 2011, 128, 530-538.	2.0	32
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14	Friction torque in grease lubricated thrust ball bearings. Tribology International, 2011, 44, 523-531.	3.0	53
15	Evaluation of Thermal and Rheological Properties of Lubricating Greases Modified with Recycled LDPE. Tribology Transactions, 2012, 55, 518-528.	1.1	20
16	Film thickness in a ball-on-disc contact lubricated with greases, bleed oils and base oils. Tribology International, 2012, 53, 53-60.	3.0	56
17	Recycled and Virgin HDPEs as Bleed Inhibitors and Their Rheological Influences on Lubricating Greases Thickened with PP and mPP. Lubricants, 2014, 2, 237-248.	1.2	6
18	Composition-property relationship of gel-like dispersions based on organo-bentonite, recycled polypropylene and mineral oil for lubricant purposes. Applied Clay Science, 2014, 87, 265-271.	2.6	15

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19	Starvation and Reflow of Point Contact Lubricated with Greases of Different Chemical Formulation. Tribology Letters, 2014, 55, 483-492.	1.2	20
20	TRIBOLOGICAL PROPERTIES OF A NEW KIND OF FRICTION-PROMOTING GREASE IN SLIDING POINT CONTACTS. Transactions of the Canadian Society for Mechanical Engineering, 2015, 39, 221-237.	0.3	0
21	Grease Aging Effects on Film Formation under Fully-Flooded and Starved Lubrication. Lubricants, 2015, 3, 197-221.	1.2	23
22	On the film thickness behaviour of polymer greases at low and high speeds. Tribology International, 2015, 90, 435-444.	3.0	44
23	Formulation, rheology and thermal aging of polymer greasesâ€™Part II: Influence of the co-thickener content. Tribology International, 2015, 87, 171-177.	3.0	21
24	AFM and SEM Assessment of Lubricating Grease Microstructures: Influence of Sample Preparation Protocol, Frictional Working Conditions and Composition. Tribology Letters, 2016, 63, 1.	1.2	38
25	Friction coefficient and wear resistance of a modified polypropylene impregnated with different oils. Iranian Polymer Journal (English Edition), 2016, 25, 263-275.	1.3	4
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27	Film thickness decay and replenishment in point contact lubricated with different greases: A study into oil bleeding and the evolution of lubricant reservoir. Tribology International, 2016, 93, 620-627.	3.0	40
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29	Film formation and friction in grease lubricated rolling-sliding non-conformal contacts. Tribology International, 2017, 109, 505-518.	3.0	52
30	Studies of the Influence of Temperature and the Energy State of the Surface Layer of Adsorbents on Wall Effects in Soap-Based Greases. Tribology Letters, 2017, 65, 1.	1.2	4
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32	The Influence of Base Oil Properties on the Friction Behaviour of Lithium Greases in Rolling/Sliding Concentrated Contacts. Tribology Letters, 2017, 65, 1.	1.2	32
33	Film Thickness and Friction Relationship in Grease Lubricated Rough Contacts. Lubricants, 2017, 5, 34.	1.2	26
34	Effect of Polypropylene Modification by Impregnation with Oil on Its Wear and Friction Coefficient at Variable Load and Various Friction Rates. International Journal of Polymer Science, 2017, 2017, 1-19.	1.2	3
35	Insights into the rheological behaviors and tribological performances of lubricating grease: entangled structure of a fiber thickener and functional groups of a base oil. New Journal of Chemistry, 2018, 42, 1484-1491.	1.4	25
36	Tribological and Vibration Studies on Newly Developed Nanocomposite Greases Under Boundary Lubrication Regime. Journal of Tribology, 2018, 140, .	1.0	22

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40	Film thickness in a grease lubricated ball bearing. <i>Tribology International</i> , 2019, 134, 26-35.	3.0	75
41	Third-body formation by selective transfer in a NiCr/AgPd electrical contact. Consequences on wear and remediation by a barrel tumble finishin. <i>Wear</i> , 2019, 426-427, 1056-1064.	1.5	5
42	Assessing workability of greased bearings after long-term storage. <i>Friction</i> , 2019, 7, 489-496.	3.4	12
43	Effect of Over Rolling Frequency on the Film Formation in Grease Lubricated EHD Contacts under Starved Conditions. <i>Lubricants</i> , 2019, 7, 19.	1.2	12
44	Tribo-Dynamics of Nanocomposite Grease Lubricated Point Contact Under Elastohydrodynamics Lubrication Regime. <i>Journal of Tribology</i> , 2019, 141, .	1.0	1
45	Rheological and Film Forming Behavior of the Developed Nanocomposite Greases Under Elastohydrodynamics Lubrication Regime. <i>Journal of Tribology</i> , 2019, 141, .	1.0	6
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60	Grease Lubrication: Formulation Effects on Tribological Performance. , 0, , .		2
61	Influence of Rheological Properties of Lithium Greases on Operating Behavior in Oscillating Rolling Bearings at a Small Swivel Angle. Lubricants, 2022, 10, 163.	1.2	3
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