



## NLGI Hands-On Education Course

Schedule – September 17 <sup>th</sup> , 2019	Description
Registration: 7:30 am – 8:00 am	
Class Lecture: 8:00 am – 12:00 pm	Course Overview & Introduction to Greases Grease Composition - Base Oil Basics - Thickener Basics - Additives Grease Manufacturing Overview
Lunch 12:00 pm – 1:00 pm	
Laboratory Practical: 1:00 pm – 4:00 pm	D217 Penetration D1743 Rust Prevention D1831 Roll Stability D2265 High Temperature Dropping Point
Reception 4:00 pm – 6:00 pm (provided with registration fee)	

Schedule – September 18 <sup>th</sup> , 2019	Description
Class Lecture: 8:00 am – 12:00 pm	Grease Testing Automotive Applications Industrial Applications
Lunch 12:00 pm – 1:00 pm	
Laboratory Practical: 1:00 pm – 4:00 pm	D2266 Four Ball Wear D2596 Four Ball Extreme Pressure D5706 EP Properties using SRV D5707 Friction and Wear Properties using SRV

Schedule – September 19 <sup>th</sup> , 2019	Course Description
Class Lecture: 8:00 am – 12:00 pm	Grease Selection and Recommendations Special Tests Applications: Grease Tribology Application Problem Solving
Lunch 12:00 pm – 1:00 pm	
Laboratory Practical: 1:00 pm – 4:00 pm	DIN 51805-2 Low Temperature Flow - Kesternich Tackiness Tester D6138 Emcor