Overview of JSOG Oil Program

• Consolidated like oils, resulting in drastic reduction of shop-stocked oils
• Compatibility testing to ensure proper lubricant selection
• Standardized oil naming conventions
• Unique coding of oils by types and applications
• Selecting proper oil for application & equipment
• Procurement with verification against specifications & documentation in procurement system
• “On-dock” testing prior to issuance
• Standardized oil sampling procedures
• Labeled oil sampling points
• Customized oil sampling frequencies
• Customized alarms/limits to equipment
• Test fingerprinted oil standards
• Pharmacy for proper storage & issuance of oil
• Associate oil sample results to CMMS (Maximo) for traceability
• Re-refining of used oils
• Standardized operating procedures and work documentation
• Continuous improvement feedback and customer satisfaction surveys
• Documented and published in Lubrication Manual
• Established metrics for process improvements and cost avoidance collection

Equipment/Software

Equipment

• Spectro Scientific Q220 LaserNet Fines® (LNF) Particle Counter, Wear Particle Classifier and Ferrous Monitor
• Spectro Scientific Q1100 Handheld Infrared Oil Analyzer
• Spectro Scientific Q100 Rotating Disc Electrode Optical Emission Spectroscopy
• Anton Paar SVM 3001 Viscometer
• Predict Direct Reading Ferrograph IV
• Predict Ferrogram FM-III Ferrograph Maker
• Olympus Ferroscope

Software

• CMMS: Maximo
• Procurement/Inventory: PeopleSoft
• Emerson’s OilView software