

OMA Suggested Reading Material

Neither STLE, nor its OMA Committee, approve or endorse any independent education or training programs, or publications by individuals or organizations. These listed here are in common usage. The list is not meant to be all-inclusive or exclusive, but rather to represent a reasonable cross-sectional industry consensus.

OMA I

1. *Lukas, Malte and Daniel Anderson, "Laboratory Used Oil Analysis Methods," Tribology Data Handbook, CRC Press, 1997. Visit [CRC](#) website to purchase.
2. *Saba, Costandy S., "Wear Monitoring and Metal Analysis," Tribology Data Handbook, CRC Press, 1997. Visit [CRC](#) website to purchase.
3. *Smolenski, Donald J. & Shirley E. Schwartz, "Automotive Engine-Oil Condition Monitoring," Tribology Data Handbook, CRC Press, 1997. Visit [CRC](#) website to purchase.
4. Standard Practice for In-Service Monitoring of Lubricating Oil for Auxiliary Power Plant Equipment, ASTM D 6224-98. This standard is available from American Society for Testing and Materials, www.astm.org
5. Standard Practice of In-Service Monitoring of Mineral Turbine Oils for Steam and Gas Turbines, ASTM D 4378-92. This standard is available from American Society for Testing and Materials, www.astm.org
6. Practice for Manual Sampling of Petroleum Fluids, ASTM D 4057. This standard is available from American Society for Testing and Materials, www.astm.org
7. Basic Handbook of Lubrication, Third Edition, The STLE Alberta Section, 2011 Available for purchase through the STLE Store in both perfect-bound and spiral-bound formats.

OMA II

Includes those references above plus:

1. American National Standard "Industrial Gear Lubrication" ANSI/AGMA 9005-D94 (Revision of AGMA 250.04 and AGMA 251.02) This standard is available from American National Standards Institute, www.ansi.org
2. The Lubrication Engineers Manual, AIST, 3rd Ed, (2007), 186 Thorn Hill Road, Warrendale, PA 15086. Available for purchase on the [AIST website](#).
3. Lubrication Fundamentals, 2nd Ed, D.M. Pirro and A. A. Wessol.

4. Machinery Oil Analysis, Larry Toms, 3rd edition, (July 1, 1998) Coastal Training Technologies; ISBN: 0966460405. Visit the STLE Store to purchase.
5. Life factors for Rolling Bearings, Zaretsky, Ed., 2nd edition, STLE SP-34 (February 1999) ISBN: 9993313599
6. NFPA 704 "Standard System for the Identification of the Fire Hazards of Materials"
This standard is available from National Fluid Power Association, www.nfpa.com

Additional useful sources of information and background for both exams are:

1. STLE Hydraulic Fluids Technology Education course
2. STLE's Basic Lubrication Course, especially Fundamentals of Lubrication and related sections.
3. STLE Condition Monitoring Education Course
4. OEM Maintenance Manuals and Lubrication Related Bulletins and Industry Publications