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| ISBN                    | 1-118-90794-9<br>1-118-90782-5<br>1-118-90786-8   |
| Descrizione fisica      | 1 online resource (851 p.)  |
| Disciplina              | 621.8<br>621.8/9<br>621.89  |
| Soggetti                | Lubrication and lubricants  |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Includes index.   |
| Nota di bibliografia    | Includes bibliographical references at the end of each chapters and index.  |
| Nota di contenuto       | Introduction-lubricant scenario -- Classification of lubricants -- Mineral and chemically modified lubricating base oils -- Synthesised base oils -- Lubricant additives and their evaluation -- Lubrication, friction and wear -- Steam and gas turbine oils -- Hydraulic fluids -- Compressor, vacuum pump and refrigeration oils -- Gear oils and transmission fluids -- Industrial and automotive gear oils -- Automatic transmission fluids -- Passenger car motor oils -- Engine oils for commercial vehicles -- 2-stroke and small engine lubricants -- Rail road, marine, and natural gas engine oils -- Metal working fluids -- Lubricants blending, quality control, and handling of lubricants -- Re-refining and recycling of lubricants -- In-service monitoring of lubricants and failure analysis -- Lubricant tests and their significance. |
| Sommario/riassunto      | Provides a fundamental understanding of lubricants and lubricant technology including emerging lubricants such as synthetic and environmentally friendly lubricants Teaches the reader to understand the role of technology involved in the manufacture of lubricants Details both major industrial oils and automotive oils for various engines Covers emerging lubricant technology such as synthetic and   |

environmentally friendly lubricants Discusses lubricant blending technology, storage, re-refining and condition monitoring of lubricant in equipment

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