

1. Record Nr.	UNINA9910299584703321
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Titolo	Vegetable Oil based Bio-lubricants and Transformer Fluids [[electronic resource]] : Applications in Power Plants / / by Dhorali Gnanasekaran, Venkata Prasad Chavidi
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2018
ISBN	981-10-4870-3
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XV, 155 p. 42 illus., 35 illus. in color.)
Collana	Materials Forming, Machining and Tribology, , 2195-0911
Disciplina	664.3
Soggetti	Power electronics Biomedical engineering Energy systems Power Electronics, Electrical Machines and Networks Biomedical Engineering/Biotechnology Energy Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Sommario/riassunto	This book is discusses vegetable oil based biolubricants and their applications in the power distribution industry. Vegetable oil based lubricants offer significant advantages over petroleum-based lubricants, including biodegradability, cost-effectiveness, renewability, and lower environmental effects. This book provides a detailed literature survey of modified vegetable oils. It discusses the physical and chemical properties of vegetable oil, and their effects on its applications in tribology. The book discusses additives and enhancements to make vegetable oils suitable for use as lubricating oils and transformer oils in power plants and power distribution grids. The contents of the book will be useful to researchers and professionals as well as policy makers and standards agencies. .