

1. Record Nr.	UNINA9910806170203321
Titolo	Testing tribocorrosion of passivating materials supporting research and industrial innovation : handbook // edited by J.-P. Celis & P. Ponthiaux
Pubbl/distr/stampa	Leeds [England], : Maney Pub., 2012 Boca Raton :, : CRC Press, , 2012
ISBN	1-351-54693-7 1-5231-2062-2 1-351-54694-5 1-315-08738-3 1-907975-21-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (216 p.)
Collana	European Federation of Corrosion publications, , 1354-5116 ; ; no. 62
Disciplina	338/.064 620.11223 658.57
Soggetti	Tribology Chemistry, Technical
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	The Institute of Materials, Minerals and Mining"--Cover.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Half title page; Contents; European Federation of Corrosion (EFC) publications: Series introduction; Volumes in the EFC series; List of Symbols; 0 Introduction; 1 Phenomena of tribocorrosion in medical andindustrial sectors; 2 Depassivation and repassivation phenomena: synergism in tribocorrosion; 3 Specific testing techniques in tribology: laboratorytechniques for evaluating friction, wear, and lubrication; 4 Specific testing techniques in tribology andcorrosion: Electrochemical techniques for studyingtribocorrosion processes in situ 5 Design of a tribocorrosion experiment on passivatingsurfaces: Modelling the coupling of tribologyand corrosion6 Towards a standard test for the determination ofsynergism in tribocorrosion: Design of a protocolfor passivating materials; 7 Towards a standard test for the determination ofsynergism in tribocorrosion: Detailed testing procedurefor passivating materials; 8 Normative approach; Index

Sommario/riassunto

This book is intended primarily for industrial laboratories and technical centres interested in standardised tests in the field of tribology and combined tribology-corrosion.
