Contents

Introductionvii		
Pref	Prefacexi	
1	Basic Oil Chemistry	1
2	Crude Oil Receiving and Storage	21
3	Crude Oil De-Gumming and Acid Pre-treatment	33
4	Refining	47
5	Bleaching	101
6	Hydrogenation	145
7	Deodorization	193
8	Finished Product Storage and Handling	227
9	Fat Crystallization	241
10	Winterization and Fractionation	275
11	Oil Quality Management	311
12	Loss Management	333
13	Trans Fat Alternatives and Challenges	361
14	Process Equipment	397
15	Plant Safety Procedures	451
Inde	ex	471