	扩展功能
Degradation of Microbes for the Crude Oil Contaminants	本文信息
Degradation of Microbes for the crude on contaminants	Supporting info
LIUXiao-yan,SHIPeng-fei,SUNDe-zhi	▶ <u>PDF</u> (95KB)
Science school, Harbin Institute of Technology, Harbin 150001, China	▶ <u>[HTML全文]</u> (0KB)
收稿日期 修回日期 网络版发布日期 接受日期	▶ <u>参考文献[PDF]</u>
摘要 Production and storage-transportation of crude oil can not only give rise to soil pollution but also destroy ecological environment. Degradation of microbes for oily soil was studied with the strument, Geofina Hydrocarbon Meter (GHM), by experimental analysis qualitatively and quantitatively in the paper. Analytical result showed that the crude oil could be considerably degraded by eating-oil microbes in oily soil and the number of eating-oil microbes increased while the working hours of oil-well rising. As a result, contaminated oil could be degraded more quickly by a lot of eating-oil microbes in the soil. At the same time, the degradation rate of contaminated oil increased gradually as the time went on. In addition, amount of gaseous component in the oily soil samples increased with degraded time and the microbes could selectively consume contaminated oil strongly, so biodegradation might alleviate the degree of contamination and destruction to the soil and environment in the process of oil production at oilfield. The law of oily soil degraded by	▶ <u>参考文献</u> 服务与反馈 ▶ <u>把本文推荐给朋友</u> ▶加入我的书架
	<ul> <li><u>加入引用管理器</u></li> <li><u>引用本文</u></li> </ul>
	▶ <u>Email Alert</u> ▶ <u>文章反馈</u>
	▶ <u>浏览反馈信息</u> 相关信息
microbes was investigated and some useful conclusions were drawn in the paper.	▶ <u>本刊中 包含 "Microbes; Crude</u>
关键词 <u>Microbes; Crude oil; Contaminants; Degradat ion; Experimental analysis</u>	<u>oil; Contaminants; Degradat</u> ion: Experimental analysis"的
分类号 <u>X13</u>	<u>相关文章</u>
DOI:	▶本文作者相关文章
	<ul> <li><u>LIUXiao-yan</u></li> <li><u>SHIPeng-fei</u></li> <li><u>SUNDe-zhi</u></li> </ul>

通讯作者:

作者个人主页: LIUXiao-yan; SHIPeng-fei; SUNDe-zhi