

柴油机燃用乳化油燃烧特性分析

Combustion Specific Properties of Emulsified Oil as Diesel Engine Fuel

投稿时间: 1996-6-1

稿件编号: 19960431

中文关键词: 内燃机; 示功图; 放热率

英文关键词: Internal combustion engine Indicator diagram Heat release rate

基金项目:

作者	单位
林继淦	中国农业大学
唐蓓	中国农业大学

摘要点击次数: 7

全文下载次数: 19

中文摘要:

在进行内燃机台架性能试验时,应用AVL 657多通道发动机分析仪,同步测量柴油机的示功图和高压油管压力的变化,并通过示功图的分析 and 放热率的计算,对柴油机燃用乳化油和纯柴油时的燃烧特性进行定量的对比和分析,进一步探索柴油机燃用乳化油时的燃烧特点和调整方向

英文摘要:

Using advanced AVL 657 multi-channel engine analyzer in engine performance test, a synchronous measurement of diesel engine indicator diagram and pressure variation of the high pressure oil pipe was carried out. With analysis of the indicator diagram and computation of heat release rate, the quantitative comparison between the combustion specific properties of diesel and those of emulsified oil as diesel engine fuel was given in the paper. Furthermore, the emulsified oil combustion specific properties and adjustment were discussed.

[查看全文](#)

[关闭](#)

[下载PDF阅读器](#)

您是第606958位访问者

主办单位: 中国农业工程学会 单位地址: 北京朝阳区麦子店街41号

服务热线: 010-65929451 传真: 010-65929451 邮编: 100026 Email: tcsae@tcsae.org

本系统由北京勤云科技发展有限公司设计