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油品与添加剂

超低硫燃料柴油的润滑性研究与性能研究

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摘要　研究提出了超低硫燃料暂定战术技术指标，并规定了其润滑性要求。通过对基础油生产工艺研究、柴油润滑性添加剂研究及配方性能评定，成功研制了一种环保型超低硫燃料，满足外燃发动机（燃烧室高温高压）的使用要求。研制产品具有馏分窄、闪点高、氧化安定性好、低温性能优异、硫含量超低、润滑性能好等特点。燃料的低硫化是燃料发展的必然趋势。在我国开展低硫或超低硫环保型燃料研制，同时开展燃料润滑性添加剂的研制，具有重要意义。

关键词

分类号

Abstract

Research and put forward the technical standard of the Super-low-sulphur fuel, and regulated its lubrication performance. One of the environmental protection Super-low-sulphur fuel was developed successfully through the research of the basic oil and diesel fuel lubrication additive and evaluation of the dispensation. This fuel served the outerside burn engine (with high temperature and pressure) satisfactory. The product has the characteristics of narrow distance, high flash point, good performance of anti-oxide and low temperature flowing, and the sulphur super low and better lubrication. Low-sulphur fuel will be the certain trend of fuel developing. It has important meaning to research the environmental protection low-sulpgur or Super-low-sulphur fuel and its lubrication additives in our country.

Key words

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