

China Hi-Tech Enterprise Development Evaluation Center

The identification report of NANO fuel additive

China Hi-Tech Enterprise Development Evaluation Center established the professional appraisal committee of Nano fuel additive at the May 18th, 2001. To appraise and review Nano fuel Additive of PKU Bonus Science Research Center. As an advanced high-tech research center, under the Dr. Li Zhengxiao, who is a doctoral studied in the United States. They developed with independent intellectual property rights of liquid nano-technology platform; this technology is a leading Nano high-tech in the world nowadays. Nano fuel additive produced by the technology in the oil fields for the environment and energy-saving. It is the fourth generation fuel additive, which is clean and no secondary pollution, and it can solve the problem of fuel synthesis machinery. As its effect, Nano fuel additive can reduce exhaust emissions of harmful substances, such as carbon monoxide, hydrocarbons and nitrogen oxides, etc.; and reduce the demand for the use of gasoline octane number and reduce fuel consumption. and so on.

This product can be a comprehensive solution octane enhancer, detergent, which is other fuel additives can't do alone. But also the overall improved engine performance and applies to all vehicles. It is the leader in environmental technology fuel additive products in China.

NANO fuel additive does not contain any metal ions, no corrosion. Its production processes, raw materials and products are harmless substances added, does not pollute the environment.

NANO fuel additive has passed the National Environmental Protection Agency a series of vehicle emission testing and Beijing Environmental Protection Bureau in accordance with national standard two-speed idle tests shown that: **it reduces vehicle exhaust emissions are very significant effect, Carbon Hydrocarbons (HC) decreased by 33% to 82%; Carbon Monoxide (CO) reduced by 31% to 95%; Nitrogen Oxides (NOX) reduced 39% to 87%. It has the remarkable effects of exhaust emissions control.**

NANO fuel additive is a high-tech products with the leading position in similar products. We recommend that National Governments and Relevant Agencies can sufficient support and attach more importance to Nano fuel additive on the application and development, to expand the range of applications. For the benefit of all people.

China Hi-Tech Enterprise Development Evaluation Center

2001-5-18

List of Appraisal Committee

Director: *Li Mao Ming*; Technology Consultant

Research Centre for Development of Science

Former Deputy Secretary General of National Science and Technology

Deputy Director: *Xu Yuzhen*; Senior engineer (professor)

China Security and Protection Industry Association

Former Secretary, Ministry of Public Security Technology

Secretary-General: *Wang Riming*; Deputy Chairman and Secretary General

China Hi-Tech Industrial Development Zone Association

Office of Director of the former National Torch project of S&T.

Members: *Luo Rumin*; Director of the Center

China high-tech Enterprise Development Evaluation Center

Chen Lanfeng; Professor

Beijing Nonferrous Metal Research Institute of Senior Engineer

Han Jian; Director & Senior engineer (professor)

National Environmental Protection Agency Environmental Sciences

Research Institute Exhaust testing Center

Yan Shousheng; Professor of physics

Peking University

Dong Cheng; Deputy Director

Chinese Academy of Sciences

National Superconductivity Laboratory

中国高技术企业发展评价中心

NANO 牌燃油添加剂产品鉴定报告

中国高技术企业发展评价中心于2001年5月18日组建了NANO牌燃油添加剂产品鉴定委员会，就北京北大博雅科贸有限公司的NANO牌燃油添加剂进行了评审和鉴定。北京北大博雅科贸有限公司作为一家高科技公司，在留美博士李正孝教授的主持下，开发了拥有自主知识产权的液相纳米技术平台，而纳米技术平台在当今世界是处于领先地位的高新技术，NANO牌燃油添加剂为该技术在燃油领域的应用。NANO牌燃油添加剂是一种以添加没有二次污染的纳米水炸弹为特征的第四代燃油添加剂，能够解决燃油机械的综合问题。能够有效降低尾气中有害物质一氧化碳、碳氢化合物和氮氧化合物的排放，降低汽油辛烷值的使用需求，降低燃油消耗。这种产品可以全面解决辛烷值强化剂、清净剂和节油添加剂所无法单独解决的问题，还可以整体改进发动机的性能，并适用于各种车辆。属国内技术领先的环保产品。

NANO牌燃油添加剂不含任何金属离子，不会产生腐蚀。其生产工艺、原料和产品均无害物质添加，对环境不产生污染。



中国高技术企业发展评价中心

NANO 牌燃油添加剂已通过了国家环保局机动车排放检测中心的一系列检测，对降低汽车尾气污染物排放有非常显著的效果。北京市环保局监测大队按照国家标准的双怠速法检测表明：碳氢化物(HC)降低 33~82%；一氧化碳(CO)降低 31%~95%；氮氧化合物(NOx)降低 39%-87%。对于治理尾气污染物排放效果卓著。

NANO 牌燃油添加剂在同类产品中处于技术领先地位，属高新技术产品，具有示范意义。建议有关方面对 NANO 牌燃油添加剂的应用和开发予以足够的重视和支持，扩大应用范围，进一步开拓市场，发挥其效益。



中国高技术企业发展评价中心

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