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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 8029-2010

Replacing GB/T 8029-1987

Calibration fluid for diesel injection pump

柴油机喷油泵校泵油

(English Translation)

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Foreword

This standard and ISO 4113. 1988 "Road vehicles - diesel injection equipment calibration solution" standard non-equivalent.

This standard replaces GB/T 8029-1987 "Diesel injection pump." this standard and GB/T 8029-1987 compared to the main changes are as follows.

--- Adds a variety of products, product quality index differences mainly in the density, flash point, storage stability test, damp heat test Inspection and color;

Chromaticity index --- JB-1 modified to not more than 2.5, test method GB/T 6540 replacement SH/T 0168;

Liquid rust index --- JB-1 is changed to "rust-free";

--- Reference to ISO 4113. 1988 Modify distillation range of expression JB-1, Criteria and ISO 4113. 1988 distillation range of indicators is consistent;

--- JB-1 abolished the water-soluble acid or alkali product specifications;

--- Damp heat test according to GB/T 2361 requirements to replace the 10th steel 45 steel;

--- Corrosion test according to GB/T 5096 requirements to replace T2Cu T3Cu;

--- JB-2 Technical Specifications and ISO 4113. 1988 same.

This standard by the National Standardization Technical Committee on products and lubricant oil (SAC/TC280) proposed.

This standard by the National Standardization Technical Committee of petroleum products lubricants oil and lubricants and fuels Technical Committee (SAC/TC280/SC1) centralized.

This standard was drafted. China Petroleum & Chemical Corporation lubricants R & D

(Shanghai) Center.

1 Scope

This standard specifies the diesel fuel injection pump refined mineral oil fractions of base oil, adding rust, oxidation and other additives prepared from Technical requirements for calibration fluid and test methods, inspection rules and signs, packaging, transportation and storage.

This standard applies to your product Diesel injection pump debugging, verification and calibration, but also for cleaning after injection pump before commissioning and commissioning the short-term rust.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 261 Flash Point by Pensky - Martens closed cup method (GB/T 261-2008, ISO 2719:2002, MOD) GB/T 265 Petroleum products - Determination of kinematic viscosity and calculation of dynamic viscosity GB/T 511 Petroleum products and additives - Determination of mechanical impurities (gravimetric method) GB/T 1884 crude oil and liquid petroleum products - Laboratory determination of density (density meter method) (GB/T 1884-2000, eqv ISO 3675:1998) GB/T 1885 Petroleum Measurement Tables (GB/T 1885-1998, eqv ISO 91-2:1991) GB/T 2361 anti-rust oil heat test method GB/T 4756 petroleum liquids hand sampling method (GB/T 4756-1998, eqv ISO 3170. 1988) GB/T 5096 petroleum products copper corrosion test GB/T 6536 Petroleum products - Determination of distillation GB/T 6540 Petroleum products - Determination of color GB/T 11143 inhibited mineral oil in the presence of water rust resistance test method GB/T 12579 Determination of foaming characteristics lubricating oil (GB/T 12579-2002, eqv ISO 6247:1998) SH0164 petroleum product packaging, storage and delivery acceptance rules SH/T 0179 Petroleum products light cloud point and crystallization point assays SH/T 0185 straight run lubricants Determination of oxidation stability SH/T 0238 diesel storage stability assay SH/T 0725 petroleum-based insulating oil carbon type composition calculation method

3.1 Product Definition

Diesel injection pump is the pump industry as a diesel fuel pump nozzle flow and check the seal when the nozzle spray test Calibration of equipment for oil.

3.2 Product Categories

The relevant product standard including JB-1 JB-2 and two diesel injection pump.

4 Requirements and test methods

4.1

injection pump after using this product without cleaning the school pump, storage period of 1 year, there is still the normal performance under normal circumstances.