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

SN/T 3104-2012

**Rules for inspection of lubricating oil and grease for import and
export**

(English Translation)

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Table of Contents

Foreword
1 Scope
2 Normative references

Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard is proposed and managed by the National Certification and Accreditation Administration Committee.

This standard was drafted. People's Republic of China Jiangsu Entry-Exit Inspection and Quarantine Bureau, Logistical Engineering University of PLA.

1 Scope

This standard specifies the import and export oil, grease test items and test methods, inspection procedures and evaluation of results.

This standard applies to import and export oil, grease test.

2 Normative references

The following documents for the application of this standard is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 260 Petroleum products - Determination of water content GB/T 262 Petroleum products - Determination of aniline point GB/T 265 Petroleum products - Determination of kinematic viscosity and calculation of dynamic viscosity GB/T 269 grease and petroleum grease cone penetration assay GB/T 387 Black petroleum products - Determination of sulfur content (tube furnace method) GB/T 392 Determination of lubricating greases GB/T 507 Determination of the breakdown voltage of insulating oil GB/T 510 Petroleum products - Determination of solidification point 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 1995 Petroleum products - Calculation of viscosity index GB/T 2433 and additives - Determination of sulfated ash lubricating oil GB/T 3498 wide temperature range grease dropping point assay GB/T 3535 Petroleum products - Determination of pour point GB/T

3536 Petroleum products - Determination of flash and fire Cleveland open cup method
GB/T 4016 Petroleum products - Terminology GB/T 4756 petroleum liquids hand sampling
method GB/T 4929 Determination of dropping point grease GB/T 4945 Petroleum products
and lubricants and values assay (Color Indicator Method) GB/T 6538 Determination of
apparent viscosity of engine oil (cold start simulation machine method) GB/T 6540
Petroleum products - Determination of color GB/T 7304 Petroleum products and lubricants -
Determination of acid and base number (potentiometric titration) GB/T 7325 greases and
oils Determination of evaporation loss GB/T 7326 grease copper corrosion test GB/T 9171
engine oil borderline pumping temperature measurement method GB/T 11081 white oil
Determination of ultraviolet absorption GB/T 11137 Black petroleum products -
Determination of kinematic viscosity (reverse - flow method) and calculation of dynamic
viscosity GB/T 11144 lubricating fluid extreme pressure properties determination Timken
Method GB/T 12577 frozen oil flocculation point determination