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ICS 43.060.30
CCS T 14

CAS

ASSOCIATION STANDARD OF CHINA ASSOCIATION FOR STANDARDIZATION

CAS 145-2007

Heavy-Duty Service Engine Coolant for Automobile

重负荷发动机冷却液

(English Translation)

Issued on: October 8, 2007 **Implemented on: October 8, 2007**

Issued by: China Association for Standardization

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1 Foreword

CAS 145-2007 was issued by China Association for Standardization on 8 October 2007 and took effect the same day.

The CAS prefix marks a association standard, adopted voluntarily.

The document runs to 27 pages in English translation.

2 Scope Preview

This standard specifies the technical requirements of the coolant for heavy-duty engine cooling system, test methods, sampling, signs, packaging, transport and storage. This standard applies to ethylene glycol, deionized or distilled water as the main ingredient, add low consumption of organic acids, three helium azoles, small amount of rust consisting of inorganic salts, corrosion compound additives, anti-foaming suppression foam additives, fuel a preservative, such as the deployment of cloud, antifreeze, anti-boil and anti-scaling and other effects of heavy-duty engine coolant. This product is suitable for heavy-duty engines. Also applies to light trucks, passenger cars and medium and low engine cooling

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system. This standard does not raise questions about the safety of their applications. Before use, the user of this standard has the responsibility to develop appropriate safety and health measures, and clearly the scope of its restricted.

CAS 145-2007 falls under ICS 43.060.30, in the field of road vehicle engineering.

This catalogue holds 11 other CAS standards in that field.

In this catalogue, CAS standards carry edition years from 2001 to 2009.

3 About this standard

Issued by: China Association for Standardization

English translation: about 27 pages

Chinese original: about 41,461 characters

4 Related standards

Standards on related subjects:

QC/T 289-2025 - Oil pump of automobile engine

QC/T 33-2006 - Test methods for silicone oil fan clutches of automotive engines

QC/T 288.2-2001 - Test methods for automotive engine coolant pumps

CAS 162-2008 - Engine lubrication system cleaning agent

5 Classification and status

International classification (ICS): 43.060.30

Chinese Standard Classification (CCS): T 14

Prefix CAS: association standard, adopted voluntarily.

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