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

GB/T 25618.1-2010

**Earth-moving machinery -- Lubrication fittings -- Part 1: Nipple
type**

土方机械 润滑油杯 第1部分：螺纹接头式

(English Translation)

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Foreword

GB/T 25618 "earth-moving machinery lubricants Cup" is divided into two parts.

--- Part 1. nipple type;

--- Part 2. Oil injection nozzle gun.

This section GB/T 25618 Part 1, this part identical with ISO 6392-1:1996 "earthmoving machinery lubricants Cup 1 Section. nipple-style "(in English).

This section is equivalent translation ISO 6392-1:1996.

For ease of use, this section made the following editorial changes.

--- "This International Standard" be replaced by "this section";

--- Instead of using the decimal point as a decimal point ",", ". ", ";

--- Remove the foreword to international standards;

--- To ISO 6392-1:1996 international standard referenced with the international standard has been adopted as a standard in place of the corresponding;

--- Table Footnotes 1 and 2 in the form of numbered '1)' to 'a', Table 1 Added Note;

--- The GB/T 7306 moved from the Normative references cited in the document.

This part is proposed by China Machinery Industry Federation.

This part of the National earthmoving machinery Standardization Technical Committee (SAC/TC334) centralized.

This standard was drafted. Tianjin Construction Machinery Research Institute.

1 Scope

This section GB/T 25618 specifies the type lubricating nipple cup and with the required space.

This section applies to GB/T 8498 defined earthmoving machinery.

Note: hereinafter referred to as lubricating oil cup oil cup.

2 Normative references

The following documents contain provisions which, through reference GB/T 25618 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 7306.1 ~ GB/T 7306.2 55 ° sealing pipe thread (GB/T 7306.1 ~ GB/T 7306.2-2000, eqv ISO 7-1:1994) GB/T 8498 Earth - moving machinery - Basic types - Identification and terms and definitions (GB/T 8498-2008, ISO 6165:2006, IDT) GB/T 9799 Metallic coatings zinc plating layer on the steel (GB/T 9799-1997, eqv ISO 2081. 1986)

3 Form

Oil cup in the form of earth-moving machinery shown in Figure 1.

4.1 Material

Among other special provisions, the use of the manufacturer's standard steel.

4.2 Hardness

In the oil and grease cup plus regular position in direct contact with sand, should ensure that the surface hardness of the oil cup head. Oil cup surface hardness requirements Position, or a minimum hardness 83HRA 55HR30N, the minimum hardness layer of 0.1mm. Oil cup surface elsewhere is not specifically defined.

4.3 Machined surface treatment

Galvanized or chromated oil cup should be consistent with the provisions of GB/T 9799, and the coating thickness of at least 5μm.

4.4 Processing quality

Should ensure that the oil cup precision, burr, sharp edges and defects that may affect its function.

4.5 Check valve device

Oil cup should be one-way valve means to prevent foreign material from entering, but can be pressed into the lubricant and prevent its outflow.

5 Shapes, dimensions and tolerances

Oil cup shape, dimensions and tolerances should conform to Figure 1, the requirements of the table size is the size of the finished product after processing Figure 2 and Table 1.

6 Cups oil pressure test

Oil cup should be able to withstand the injection device for the injection pressure 20MPa.