

Lubricating Oils

KES

KES B-M004A

(EST.) 1980-04-03

(REV.) 1986-12-26

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1. Scope of Application

This standard specifies the lubricating grease used in humidity working surface of machinery and lubrication of gear which our company uses.

2. Type

The type of lubricating grease shall be divided according to KS M 2113(Analysis of lubricating grease viscosity for industry, classify to 3 types of No. 1, 2, 3 be as shown in Table 1.

3. Type

This lubricating grease shall be proper quality for mainly humidity working surface and gear lubricating. Also shall be suitable to Table 1 in mineral oil which is not contained the water and deposit.

Table 1

Items Types	Viscosity grade ISO VG	Copper Viscosity cst(mm ² /s)40℃	Flash point ℃	Pour point ℃	Corrosion of copper plate (100℃)
No. 1	32	28.8 - 35.2	150 or more	-5 or less	1 or less
No. 2	46	41.4 - 50.6	160 or more	0 or less	1 or less
No. 3	68	61.2 - 74.8	160 or more	0 or less	1 or less

Remarks: Pour point for winter shall be -12.5℃ or less.

4. Testing Method

4.1 Sampling methods

Shall conform to KS M 2001(Method of sampling crude oil and petroleum products).

4.2 Specimen test methods

(1) Copper viscosity

Shall conform to KS M 2014(Testing method for copper viscosity of petroleum products).