

KES	OIL FILM TYPE RUST PREVENTION OIL (KP-9)	58. (RUST PREVENTION)
		3 1 3
		(1981)

1. SCOPE

This standard shall specify the rust-prevention oil (KP-9) of very light quality used for the rust-prevention of precision machined surface of the parts in the fuel system and hydraulic pressure system.

2. QUALITY

Conforming to the followings.

2.1 Kind

Conforming to the Table 1.

Table 1

Kind	Symbol
Oil film type rust-prevention oil	KP-9

2.2 Quality and test method

Conforming to Table 2.

Table 2

No.	Test item	Test method	Specified value
1	Specific gravity	JIS K 2249 (Testing Method for Specific Gravity of Crude Oil and Petroleum Products) (15/4°C)	Report (0.88 ~ 0.96)
2	Flashing point. °C	JIS K 2265 (Testing Method for Flash Point of Petroleum Products by Pensky-Martens Closed Tester)	120 min.
3	Kinematic viscosity. cst	JIS K 2283 (Testing Method for Kinematic Viscosities of Petroleum Products)	12 ~ 18
4	Sulphur content %	JIS K 2541 (Testing Method for Sulphur Content of Crude Oil and Petroleum Products)	1.0 max.
5	Ash content. %	JIS K 2272 (Method of Test for Ash in Crude Oil and Petroleum Products)	0.18 max.
6	Pour point °C	JIS K 2269 (Testing Method for Pour Point of Petroleum Products)	-10 max.
7	Hue	JIS K 2580 (Testing Methods for Color of Petroleum Products)	Report. (3 max.)
8	Humidity	KES 05.507.1 [HUMIDITY TEST METHOD (RUST PREVENTION PROPERTY FOR LUBRICANT AND RUST PREVENTION OIL)] Test temperature & time 49°C x 72 h	A min.

(continued)

10 June, 1963.

Established

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KES

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(1981)

Table 2.

No.	Test item	Test method	Specified value
9	Salt spray	KES 05.507.2 (SALT SPRAY TEST METHOD) Test temperature x time: 35°C x 1 h	A min.
10	Copper corrosion	JIS K 2513 (Testing Method for Copper Corrosion of Petroleum Products), however, reports shall conform to ASTM 1301 . Test temperature x time 100°C x 3 h	1 b min.

3. METHODS OF USE

- (1) Among such methods as dipping, spraying or brush coating, any convenient one shall be applied.
- (2) As this oil has lubricating property, it may be applicable without removal of it.
- (3) When this oil is used for the fuel system of the engines using light oil as fuel, this oil may be applicable as fuel of short time for light load (to a degree of travelling).
- (4) In case of being applied to parts, Packing of oil proof shall be required.

4. INDICATION IN DRAWING

Symbol of **KP-9** shall be entered into coating + surface treatment column in the title column of the drawing. Further, if necessary, the brands of oil shall be noted.

Reference: 1. Corresponding brands shall be indicated below.

No.	Manufacturer	Brand
1	Showa Sekiyu	Fuji P-9
2	Sugimura Chemical	Preton R-90
3	Nihon grease	Rus-Fighter-KP-9
4	Maruzen Sekiyu	Swallow mark rust prevention oil P-900

2. Revised point (1981) Corresponding brands have been changed.
(Nihon grease: Rus-Fighter-KP-9)