KES

Test Method of Decomposition of Cutting Oil.

KES T – M066

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1. Scope of application

This standard shall prescribe test method of deposition of soluble cutting oil.

2. Method outline

Method for evaluation of deposition of cutting oil follows external method and average measurement by lithograph dilution.

3. External evaluation

3.1 Reagent and equipment

(1) Triangle flask

(2) Phosphorous 2 potassium

(3) Ammonium chloride

(4) Constant temperature chamber

3.2 Method

Put dilutes sample(3 %) 300 mℓ to 500 mℓ triangle flask and add phosphorous 2 potassium 100 ppm and ammonium chloride 170 ppm as mineral nutrition with keeping as 37 °C evaluate external condition, smell, pH of solution according to time.

3.3 Report

Report as the form of table 1.

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