“ISOT” OXIDATION STABILITY TESTER FOR LUBRICATING OILS FOR INTERNAL COMBUSTION ENGINES

【Summary】
This tester is used to oxidize catalysts and varnish bars to be put into samples by stirring for 24 hours at 165.5°C for the purpose of comparing the kinematic viscosity and total oxidization of the oxidized samples with those of raw and unoxidized samples. Thus, the increased oxidization factor can be obtained. Using varnish bars, adhesion of sludge and lacquer-like material can also be checked. This test is carried out for a set of 2 sample containers with the same samples.

【Testing standard】
JIS K2514

【Features】
- Direct drive stirers for 6 sample containers, with easy operation
- Stirers with chuck method for easy mounting and taking off, with up and down moving capability
- Rotation of each stirrer can be adjusted and indicated on a digital display by a switch to change over.
- Optional function to switch on or off the tester at a specified time is available.
- The tester for 8 sample containers is also available in option.

【Specification】
1. Temp. Controller : Digital PID control
2. Thermometer : Platinum probe (PT100Ω)
3. Heater : Round type sheath heater
4. Temp. range : 60 to 200°C
5. Temp. accuracy : ±0.2°C
7. Stirrer motor : Speed control motor
8. Rotation : Digital display
9. Specimen container : 6 pieces
10. Safety devices : Current leak breaker, Excessive heating breaker, Bath liquid level protection
11. Power source : AC220V, 50Hz, 3.0KW

【Standard accessories】
1. Sample container : 6 pieces
2. Lid for container : 6 pieces
3. Stirring rod : 6 pieces (made by stainless steel)
4. Varnish bar : 6 pieces
5. Catalyst : 10 sets
6. Thermometer : 1 piece (No.73)

□ No power plug is included.

The above specification is subject to change without pre-notice due to technical improvement.

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