ISO/TC 28 Petroleum products and lubricants

Secretary: **Paula Watkins, American Petroleum Institute, 1220 L Street NW, Washington, DC 20005, USA**
Tel: +1 202 682 8197 Fax: +1 202 962 4714 E-Mail: *watkinsp@api.org*

ISO/TC 28 N 2135

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To: **P-members**
O-members

Copy to: **J. Reichel, ISO 15595 PL**
T. Berryman, ISO 15595 PF
A. Williams, ISO/CS

Results of voting on ISO/CD 15595 *Petroleum and related products — Determination of the oxidation stability and corrosivity of fire-resistant fluids* [circulated as 28 N 1950]

Voting on ISO/CD 15595 closed on 1997-12-12. Please find attached the voting results, the comments received, and resolution of the comments, prepared by the project facilitator, Tim Berryman (UK).

A revised text has been prepared distribution as a DIS.

Yours sincerely

Paula Watkins

Paula Watkins
Secretary to ISO/TC 28

Ballot results on: ISO/CD 15595 (28 N 1950) ***Petroleum and related products — Determination of the oxidation stability and corrosivity of fire-resistant fluids***

Date circulated: 1997-09-12
Closing date: 1997-12-12

P-member	Agree	Agree with comments	Do not agree	Abstain	Did not reply
Algeria					X
Belgium	X				
Brazil					X
Canada	X				
China	X				
Egypt	X				
France	X				
Germany	X				
India	X				
Israel					X
Italy	X				
Japan		X			
Republic of Korea	X				
Libya					X
Netherlands	X				
Norway	X				
Poland	X				
Romania		X			
Singapore					X
Slovakia	X				
Spain	X				
Sweden	X				
Switzerland	X				
Trinidad & Tobago	X				
Turkey	X				
UK		X			
USA	X				
TOTAL	**19**	**3**	**0**	**0**	**5**

O-member	Agree	Agree with comments	Do not agree	Abstain
Ecuador		X		

Date 2001-06-05	ISO/CD 15595
Secretariat **API/ANSI**	ISO/TC 28

Member Body	COMMENTS Comments shall be reproduced as received either by re-typing them, or directly by pasting them on this form	OBSERVATION OF THE SECRETARIAT on each comment submitted
ECUADOR	It's important for us to obtain all process in spanish.	Noted — Official ISO languages only English, French and Russian. However, INEN may provide a translation in another language.
JAPAN	**1. Technical items** **a) Clause 5.7** Change "Chromosulfuric acid or an equivalent strongly acid solution" to "Chromosulfuric acid or an equivalent solution".	Accepted in principle — Note added to allow non-alkaline alternatives.
	b) Clause 6.7 and 6.8 The size of test piece is 75 × 12.5 × 1.5~3.0 according to ISO 2160.	Not accepted — Reference to ISO 2160 for copper quality, not size.
	c) Clause 6.8 If there is no ISO standard on the specification of steel test piece, ingredient – indication should be adopted instead of using EN standards.	Not accepted — EN steel qualities internationally recognized.
	2. Editorial items a) Change "1/h" to "L/h" as amount of flow.	Not accepted — ISO uses lower case.
	b) It is useful to understand Figure 1 and 2 that if the caption of "O-ring" is added in the figures.	Accepted — O-rings to be shown.
ROMANIA	We suggest to carry out some experiments by replacing the oxygen of 99.4 purity by the air. We suggest to use bearing balls instead of steel parts.	Noted — Suggestion would be new test development.

Member Body	COMMENTS Comments shall be reproduced as received either by re-typing them, or directly by pasting them on this form	OBSERVATION OF THE SECRETARIAT on each comment submitted
UK	**Clause 1** Add a note to the effect that the method may be used where changes in acid number and mass exceed those given, but that precision has not been determined above these limits. **Sub-clause 9.3** Silicon carbide paper/cloth should be included in Clause 6 and referenced in sub-clause 9.3. **Clause 10** It is now recognized that measurement of acidity of fluids which discolour in use or on oxidation – including phosphate esters – should preferably be carried out potentiometrically to pH 11, as there is great difficulty in obtaining good precision on such fluids with colorimetric titration. We propose therefore that acid number is measured by ISO 6619, rather than ISO 6618, and suitable changes are made to sub-clauses 10.1 and 10.10, and clause 2. **Clause 13** Was the precision determined using the block bath or oil bath? **Figure 2** The tube diameter is shown incorrectly. It should be 28 mm. Also the figure does not show an O-ring	Accepted in principle — Last sentence of clause 1 reworded. Not accepted/accepted — Cloth or paper included in 5.8. Reference in 9.3 added. Not accepted — Agree potentiometric may be better option, but end point and precision different, and thus results would not be comparable. New round-robin would be needed, and this not practicable at his stage. Could consider this for the future. Noted — Both used. Accepted — Diameter of support clarified and O-rings added (see Japan).