



ISO/TC 28 Petroleum products and lubricants

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To: P-members
O-members
L-members

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Presentation on CEN/TC 19 given at the 24th plenary meeting of ISO/TC 28

The presentation given at the 24th plenary meeting of ISO/TC 28, 28 April 2006, in Juan-les-Pins, France, is attached.



EU (bio)fuels standards recent developments

- CEN/TC 19 liaison report to ISO/TC 28 -

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CEN/TC19 Renewed

New leadership since June 2005

- CEN/TC 19: Jacco Woldendorp, Shell GS, NL
- CEN/TC 19/WG 21: Benoit Engelen, Total Belgium
- CEN/TC 19/WG 24: Nigel Elliott, Exxonmobil UK

New membership

Romania and Bulgaria / Turkey in liaison

New scope since June 2005

Gaseous and liquid fuels, lubricants and related products of petroleum, synthetic and biological origin

2005 Review Fuels Directive (1)

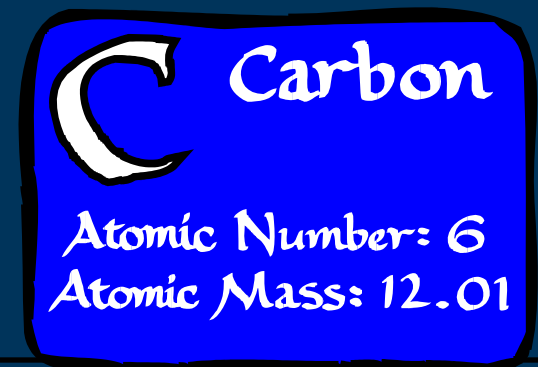
- EC Fuels Directive (1998) = “Environmental Law”
- Sets specific requirements (S, RVP, MON/RON)
- Requirements copied into EN 228 / EN 590
- States test market fuels for EN 228 / EN 590
- States report to EC

EC had to discuss revision Fuels Directive in 2005

2005 Review Fuels Directive (2)

- No LPG, CNG or captive fleet regulations
- Non-road brought in line in terms of sulfur
- CO₂ limits on voluntary basis of OEMs
- Detergents: performance test needed
- Metallic additives: test needed

No revisions needed



Update on CEN/TC 19 work (1)

- Silver corrosion: no conclusive data
TF on very low aggressive sulfur corrosion
- FIA alternative (ISO 3837) accepted as revision automatically deleted
- TF on sampling (with ASTM, ISO 3171)
- Good housekeeping guide for diesel and petrol (TR 15367)

Update on CEN/TC 19 work (2)

- WG on diesel contamination finalised RR
- study on replacing ash content by metal content (EN ISO 6245)
- Guide to Flash point testing (CEN/TR 15138)
- DCN final ballot (EN 15195) - alternate
- SIMDIS prepared for final ballot (EN 15199)
- European heating oil specification?

Alternative fuels

Biodiesel

- 1) Re-assessment of test methods
Stability, esters, di- and tri-glycerides and FAME detection
- 2) 10% blends (B10)
Mandate awaited, research already initiated
- 3) Fatty acid ethyl esters (FAEE)
Mandate awaited, testing in France
- 4) Joint work with CEN/TC 307 (fats and oils) and ASTM: metals detection method, etc.

Alternative fuels

Bioethanol

- 1) E5 specification under ballot (prEN 15376)
? denaturants, sulphates, water content, bio origin
- 2) Nine test methods under ballot
S (2*), P, Cu, water, pHe, chloride (2*), acidity
new work: residue, appearance, purity, methanol
and higher alcohols
- 3) E85 specification laid down in CWA
- 4) E10 specification will be next step (2007)
Mandate and EC discussion awaited

CEN/TC 19 Needs

- EN ISO 12156-1 (HFRR)
- revision of EN ISO 3924 for SIMDIS data
- expedition of EN ISO 22854 (multi GC)
- revision of EN ISO 10370 (larger vials)
- study on S by EDXRF revision (EN ISO 20847)
- revision of EN ISO 20623 + new work on shear stability