

# **2-Cycle Diesel Surveillance Panel Report**

**June, 2008**

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## **6V92TA test availability status**

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- ❑ 6V92TA (ASTM D 5862) test adopted in 1990
- ❑ At one time, four laboratories ran reference test stands
- ❑ Only one referenced test laboratory in the last nine years
- ❑ Low demand on test in recent years
- ❑ Test stand last referenced in December, 2006
- ❑ The only referenced test laboratory stopped testing due to internal work re-alignment
  - Termination not due to lack of test parts or technical capability

## Industry consultation process

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- ❑ Surveillance panel tele-conference taken place (2008-06-11)
- ❑ Stake-holders outside of surveillance panel participated
  - API
  - EMA
  - US Military
  - ACC members
  - OEM test sponsor
  - TMC
  - DEOAP
  - Test laboratories

## **Implication on API CF-2 category**

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- ❑ Confirmed long term unavailability of 6V92TA test would make CF-2 obsolete
- ❑ Category and current licenses will remain on API website for one year
- ❑ If replacement test stand forthcoming, category can be in 'provisional' status
- ❑ ASTM to inform API on confirmation of permanent loss of 6V92TA test capability

## **Implication on Military 2104H specification**

- ❑ US army operates large number of 2-cycle diesel powered equipment
- ❑ Oil performance specifications still critical for operations
- ❑ Substitution of loss of ASTM D 5862 could be
  - Non-referenced 6V92TA test stand
  - Physical/chemical property specifications
  - Field tests

## **Test sponsor OEM (MTU / DDC) position**

- No new oil approval without test on referenced engine
- Field tests proposed as substitution of engine test

## Feasible options under consideration

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- ❑ Laboratories considering establishment of test stand
  - Either full referenced or non-referenced
- ❑ Decision process could take one to two months
  - Must be given reasonable time for decision
- ❑ API needs to see plan and signs of progress to continue category

## Report summary to ASTM

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- 6V92TA test temporally not available
- No physical constrains to conduct test procedure
- Laboratories have to be given time to consider establishment of test stand
- Decision and plan need to be timely, to report to ASTM within six months (by next December meetings)