

Journey to 2020

Top 10 takeaways



01

We're heading for a multi-fuel future

- Majority of vessels are expected to choose 0.50% sulphur fuels
- MGO, LNG and scrubbers are all viable alternatives

02

Fuel compatibility will be a concern

- Greater likelihood of compatibility issues due to increase in fuel types
- Lab testing more important than ever
- ExxonMobil 0.50% sulphur fuels announced to date are compatible

03

Cat fine contamination likely to increase

- Some new streams could contain high levels of cat fines
- Always test fuels and handle accordingly
- Watch out for engine damage – catastrophic failure in under 500 hours

04

Tank cleaning is important but often overlooked

- Tank residues could trigger sludge and contain sulphur and cat fines
- Sulphur contamination will lead to non-compliance

05

Know what's happening in your engine

- On-board oil analysis, such as Mobil ServSM Cylinder Condition Monitoring, can help cut maintenance and engine damage
- Cold corrosion will remain an issue, particularly for vessels using scrubbers

06

Always follow switching best practice

- Take a managed approach to switchover
- Where possible bunker fuel that meets ISO 8217:2017
- Ensure that on-board fuel treatment is fully optimised

07

Select cylinder oils that work with your fuel selection

- Always follow OEM guidance
- Match BN to sulphur content
- ExxonMobil has developed Mobilgard[™] 540 for low sulphur fuel

08

LNG will be a part of the fuel mix

- Initial uptake will be low but is likely to grow
- Hampered by the lack of a unified supply chain
- ExxonMobil is developing a cylinder oil for use with LNG

09

Scrubbers are a viable route to compliance

- ExxonMobil will help customers bunker HFO, when and where they need it
- Plan ahead – fuel management and supplier contracts will be essential
- Some jurisdictions, including Singapore, China and Fujairah, have prohibited discharges from open loop scrubbers

10

Financial management and compliance go hand-in-hand

- Not just about fuel costs
- A risk of fines and reputational damage if mishandled
- Always work with a trusted supplier