



Excessive Liner Wear caused by Very Low Sulfur Fuel Oils (VLSFOs)



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Summary

To meet the IMO 2020 Sulfur requirements, there is a new breed of fuels that were introduced called the Very Low Sulfur Fuel Oil (VLSFO). These fuels are from multiple sources, multiple blending procedures, and multiple global bunkering ports. Viswa Lab has so far received and tested many of these VLSFO fuels.

Out of tested VLSFOs, there are cases of abnormal cylinder liner wear. This paper presents Viswa's findings based on an in-depth pattern recognition study of these fuels and their effect on the engines. The data studied has been provided by the fuel users who have experienced the excess liner wear problems when using VLSFO fuels. We have investigated VLSFO fuels and other factors that may have contributed to cylinder liner wear.

Please contact us at operations@theviswagroup.com for the full paper.

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