



# TYPICAL OIL SAMPLING FREQUENCIES FOR MARINE APPLICATIONS

MACHINERY	OPERATING HOURS
Slow Speed 2-stroke Diesel Engines	1000
Medium Speed Diesel Engines	250-500
High Speed Diesel Engines (>1200 rpm)	250
High Usage Generators	150
Non-Engine Equipment	250
Steam Turbine	500
Gas Turbine	200-500
Gearbox	250
Stern tube	500
Hydraulic Systems	500
Emergency Generators / Lifeboat engines	Quarterly
<ul style="list-style-type: none"> <li>▪ For infrequent usage, all equipment should be sampled quarterly.</li> <li>▪ Furthermore, sampling should be undertaken subsequent to certain anomalies being identified to ensure the situation is rectified.</li> <li>▪ Sampling frequencies should be reduced if there is concern about machinery condition.</li> </ul>	