

Engine Manufacturer: **MTU Detroit Diesel**
 Engine Model: **9063 MU32**
 Governing Standard: **CSA M424.2-90 (Non-Gassy Mines)**

Certificate Number	Engine Rating and Measured Fuel Rate at Sea Level	Sulphur in Fuel - %wt.	Ventilation Prescription*	
			CFM	m ³ /min
1192	275 HP @ 2200 RPM, 103.3 lb/hr	0.05	19,000	538.0
		0.10	20,800	589.0
		0.20	24,300	688.1
		0.25	26,100	739.1
		0.50	35,000 35,700+	991.1 1,010.9
	255 HP @ 2200 RPM, 94.7 lb/hr	0.05	17,500	495.5
		0.10	19,200	543.7
		0.20	22,400	634.3
		0.25	24,000	679.6
		0.50	32,200 32,700+	911.8 926.0
	215 HP @ 2200 RPM, 80.1 lb/hr	0.05	14,200	402.1
		0.10	15,500	438.9
		0.20	18,300	518.2
		0.25	19,700	557.8
		0.50	26,500 27,500+	750.4 778.7
	201 HP @ 2200 RPM, 78.2 lb/hr	0.05	14,200	402.1
		0.10	15,500	438.9
		0.20	18,200	515.4
		0.25	19,600	555.0
		0.50	26,300 26,900+	744.7 761.7+

*These CSA ventilation rates are suitable for low sulphur fuel if permitted by the appropriate regulatory authority.

+ These ventilation rates are recommended by CANMET-MMSL where some of the gases govern ventilation rates rather than the EQI criterion.