

Engine Manufacturer: **MTU Detroit Diesel**
 Engine Model: **9063 NU32**
 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
1193	322 HP @ 2200 RPM, 113.9 lb/hr	0.05	22,500	637.1
		0.10	24,500	693.8
		0.20	28,400	804.2
		0.25	30,400	860.8
		0.50	40,200	1,138.3
	295 HP @ 2200 RPM, 104.7 lb/hr	0.05	17,000	481.4
		0.10	18,800	532.4
		0.20	22,400	634.3
		0.25	24,200	685.3
		0.50	33,200 36,100+	940.1 1,022.2

*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.