



4TNV98T (~ EPA Tier2)

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|---|---|-----------|-----------|-----------|-----------|-----------|-----------|
| Engine Model | 4TNV98T | | | | | | |
| Version | CL | | | VM | | | |
| Type | Vertical In-line Diesel Engine | | | | | | |
| Combustion System | Direct Injection | | | | | | |
| Aspiration | Turbocharged | | | | | | |
| No. of Cylinders | 4 | | | | | | |
| Bore × Stroke | 98 × 110mm | | | | | | |
| Displacement | 3.319L | | | | | | |
| Continuous Rated Output | min ⁻¹ | 1500 | 1800 | | | | |
| | kW | 37.9 | 45.6 | | | | |
| | PS | 51.5 | 62.0 | | | | |
| Max. Rated Output (Net) | min ⁻¹ | 1500 | 1800 | 2000 | 2200 | 2400 | 2500 |
| | kW | 41.9 | 50.4 | 50.7 | 55.5 | 60.3 | 62.5 |
| | PS | 57.0 | 68.5 | 69.0 | 75.5 | 82.0 | 85.0 |
| High Idling | min ⁻¹ | 1600 ± 25 | 1895 ± 25 | 2180 ± 25 | 2400 ± 25 | 2590 ± 25 | 2700 ± 25 |
| Engine Weight (Dry) *with Flywheel Housing | 258 kg | | | 245 kg | | | |
| PTO Position | Flywheel End | | | | | | |
| Direction of Rotation | Counterclockwise Viewed From Flywheel End | | | | | | |
| Cooling System | Liquid-Cooled with Radiator | | | | | | |
| Lubricating System | Forced Lubrication with Trochoid Pump | | | | | | |
| Normal Oil Pressure at Rated Engine Speed | 0.29 - 0.39 MPa | | | | | | |
| Normal Oil Pressure at Low Idle Speed | 0.06 MPa | | | | | | |
| Starting System | Electric Starting (Starter Motor: DC12V (2.3 kW)) *** | | | | | | |
| | Alternator: DC12V, 40A*** | | | | | | |
| | Recommended Battery Capacity: 12V, 64Ah *** | | | | | | |
| Dimensions (L × W × H)* | 719 × 575 × 804mm | | | | | | |
| Engine Oil Pan Capacity** | 10.5/6.0L (Dipstick Upper Limit / Lower Limit) | | | | | | |
| Engine Coolant Capacity | 4.2L Engine Only | | | | | | |
| Standard Cooling Fan | 430mm O.D., 8 Blade Suction-Type *** | | | | | | |
| Crank V-pulley dia./ Fan V-pulley dia. | φ130/ φ130mm *** | | | | | | |

* Engine specifications without radiator.

** Engine oil capacity for a "Deep Standard" oil pan. Refer to the operation manual provided by the driven machine manufacturer for the actual engine oil capacity of your machine.

*** May vary depending on application.