North American Emissions Limited Warranty

The California Air Resources Board (CARB) and the Environmental Protection Agency (EPA) are pleased to explain the emission control system warranty on your 2004-2014 Model Year off-road large spark-ignition (LSI) engine. New off-road LSI engines must be designed, built and equipped to meet stringent anti-smog standards in all 50 states. Tennant Company must warrant the emission control system on your engine for the periods of time listed below provided there has been no abuse, neglect or improper maintenance of your engine.
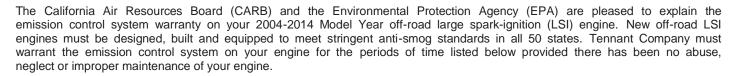
MANUFACTURER'S WARRANTY COVERAGE

Model Year 2004-2014 off-road LSI engines are warranted for 3 years or 2,500 hours, whichever occurs first, unless indicated otherwise. If any emission-related part on your engine is defective, the part will be repaired or replaced by Tennant Company.
Your emission control system may include parts such as the LPG mixer, regulator, fuel-injection system, ignition system, engine computer unit (ECM), catalytic converter and air induction system. Also included may be sensors, hoses, belts, connectors, and other emission related assemblies.

Fuel Metering System
- Air/fuel ratio feedback control system   -Regulators and valves
- LPG Mixer & associated parts   -Throttle Control Devices
- Gasoline Injectors   -Electronic Pressure Regulator [2,3]

Catalyst
- Catalytic Converter [1]
- Exhaust Oxygen Sensor

Air Induction System
- Intake Manifold
- Exhaust Manifold

Positive Crankcase Ventilation System (PCV)
-PCV Valve

Ignition Control System
-Engine Control Module (ECM) [1,2]
-Ignition Module

Miscellaneous Items Used In Above Systems
- Vacuum, temperature, and time sensitive valves and switches
- Sensors used for electronic controls
- Hoses, belts, connectors, assemblies, clamps, fittings, tubing, sealing gaskets or devices, and mounting hardware
- Pulleys, belts and idlers

[1] Covered for 5 years or 3,500 hours of operation, whichever occurs first on Tier 1 (model year 2004-2006) [2]
Covered for 5 years or 3,500 hours of operation, whichever occurs first on Tier 2 (model year 2007-2009) [3]
Covered for 5 years or 3,500 hours of operation, whichever occurs first on Tier 3 (model year 2010-2014)

OWNER'S WARRANTY RESPONSIBILITIES:

- As the off-road LSI engine owner, you are responsible for the performance of the required maintenance listed in your operator manual. Tennant recommends that you retain all receipts covering maintenance on your off-road engine, but Tennant cannot deny warranty solely for the lack of receipts or your failure to ensure the performance of all scheduled maintenance.
- As the off-road LSI engine owner, you should however be aware that Tennant may deny you warranty coverage if your off-road LSI engine or a part has failed due to tampering, abuse, neglect, improper maintenance or unapproved modifications to the engine or fuel control system.
- Your engine is designed to operate on Liquid Petroleum Gas or Gasoline as applicable. To confirm the fuel(s) this engine is capable of operating on, see the Important Engine Information label located underhood. Use of any other fuel may result in your engine no longer operating in compliance with CARB or EPA emissions requirements.
- You are responsible for initiating the warranty process. CARB and EPA suggest that you present your off-road LSI engine to a Tennant-authorized service provider as soon as a problem exists. The warranty repairs should be completed as expeditiously as possible.

If you have any questions regarding your warranty rights and responsibilities, contact Tennant Company at 1-800-553-8033.

ITEMS NOT COVERED BY THIS WARRANTY

The following items are not covered under the Tennant Company warranty:
- Any travel time costs, to and from the engine or equipment in which the LSI engine is installed.
- Towing and/or transportation costs of the engine or equipment in which the LSI engine is installed, to or from the warranty service provider.
- Repairs made by unauthorized service providers.

DISCLAIMER

TENNANT COMPANY EXPRESSLY DISCLAIMS ANY AND ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. TENNANT SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, WHETHER DIRECT OR INDIRECT, INCLUDING, BUT NOT LIMITED TO, BUYER'S LOSS OF MATERIAL OR PROFITS, INCREASED EXPENSE OF OPERATION, BODILY INJURY, LOSS OF USE OF PROPERTY OR DOWNTIME.