

# SERVICE BULLETIN

**DATE:** 12JUNE 2003

**SERVICE BULLETIN #239**

**MODELS:** ALL PRM80 AND PRM120 TRANSMISSIONS

**SUBJECT:** TRANSMISSION LUBRICANT CHANGE

THE LUBRICANT SPECIFIED FOR USE IN THE PRM80 AND PRM120 TRANSMISSIONS IS BEING CHANGED FROM HEAVY DUTY ENGINE OIL TO ATF (AUTOMATIC TRANSMISSION FLUID) DEXRON III.

THE REASON FOR THE CHANGE IS TO IMPROVE LUBRICATION AND HEAT TRANSFER.

TRANSMISSIONS CURRENTLY OPERATING WITH HEAVY DUTY ENGINE OIL AS A LUBRICANT **MUST** BE CHANGED TO THE NEW LUBRICANT SPECIFICATION ATF (AUTOMATIC TRANSMISSION FLUID) DEXRON III.

INITIAL TRANSMISSION LUBRICANT CHANGE AFTER ENGINE COMMISSIONING IS AT 25 HOURS OF ENGINE OPERATION AS RECOMMENDED IN THE OPERATOR'S MANUAL. THE CHANGE FROM HEAVY DUTY ENGINE OIL TO ATF (DEXRON III) SHOULD BE PERFORMED AT THIS TIME.

UNITS THAT HAVE ALREADY HAD THE 25 HOUR SERVICE PERFORMED ON THE TRANSMISSION SHOULD LOOK TO CHANGE THE TRANSMISSION LUBRICANT TO DEXRON III AS SOON AS POSSIBLE.

OBSERVE THE FOLLOWING PROCEDURE WHEN CHANGING LUBRICANT

- 1 DRAIN/PUMP THE OIL OUT OF THE TRANSMISSION.
2. REFILL THE TRANSMISSION TO THE RECOMMENDED CAPACITY WITH ATF (DEXRON III). MODEL PRM80 – 1.0 U.S. PINT (0.6L). MODEL PRM120 – 1.4 U.S. PINTS (0.8L).
3. START THE ENGINE AND RUN THE ENGINE AT 1000 – 1200 RPM FOR 5 MINUTES. WHILE RUNNING THE ENGINE SHIFT INTO FORWARD AND REVERSE A FEW TIMES. STOP THE ENGINE.
4. DRAIN/PUMP THE ATF OUT OF THE TRANSMISSION.
5. REFILL TO THE RECOMMENDED CAPACITY WITH NEW ATF (DEXRON III).

FUTURE TRANSMISSION SERVICING USING ATF DEXRON III SHOULD BE PERFORMED AT INTERVALS AS SPECIFIED IN THE UNIT'S OPERATORS MANUAL.

OWNERS SHOULD MAKE NOTE OF THIS LUBRICANT CHANGE IN THE PRM TRANSMISSION SECTION OF THEIR OPERATOR'S MANUAL.

