

# Standards and Service Limits

## Air Conditioning — Section 22

|                         | MEASUREMENT                                                                                                 | STANDARD (NEW)                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Air conditioning system | Lubricant type: ND-OIL 8 (P/N 38897 – PR7 – A01AH or 38899 – PR7 – A01) (For Refrigerant HFC-134a (R-134a)) |                                                                                |
|                         | Lubricant capacity                                                                                          | Condenser 30 (1, 1.1)                                                          |
|                         | mℓ (fl oz, imp oz)                                                                                          | Evaporator 40 (1 1/3, 1.4)                                                     |
|                         |                                                                                                             | Line or hose 10 (1/3, 0.4)                                                     |
|                         |                                                                                                             | Reservoir 10 (1/3, 0.4)                                                        |
| Compressor              | Lubricant type: ND-OIL 8 (For Refrigerant HFC-134a (R-134a))                                                |                                                                                |
|                         | Lubricant capacity mℓ (fl oz)                                                                               | 140 (4 2/3)                                                                    |
|                         | Stator coil resistance Ω at 68°F (20°C)                                                                     | 3.4 – 3.8                                                                      |
|                         | Pulley-to-pressure plate clearance                                                                          | 0.5 ± 0.15 (0.020 ± 0.006)                                                     |
| Compressor belt*        | Deflection with 98 N (10 kgf, 22 lbf) between the pulleys                                                   | 8.0 – 11 (0.31 – 0.43) with used belt<br>5.5 – 6.0 (0.22 – 0.24) with new belt |
|                         | Belt tension N (kgf, lbf)                                                                                   | 440 – 640 (45 – 65, 99 – 143) with used belt                                   |
|                         | Measured with belt tension gauge                                                                            | 930 – 1,080 (95 – 110, 209 – 243) with new belt                                |

\* When using a new belt, adjust deflection or tension to new value. Run the engine for 5 minutes then turn it off. Readjust deflection or tension to used belt value.