

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	30 (1, 1.1)
	Condenser	40 (1 1/3, 1.4)
	Evaporator	10 (1/3, 0.4)
	Line or hose	10 (1/3, 0.4)
Compressor	Reservoir	10 (1/3, 0.4)
	Lubricant type: ND-OIL 8 (For Refrigerant HFC-134a (R-134a))	
	Lubricant capacity mℓ (fl oz, Imp oz)	140 (4 2/3, 4.9)
	Stator coil resistance Ω at 68°F (20°C)	3.4 – 3.8
Compressor belt*	Pulley-to-pressure plate clearance	0.5 ± 0.15 (0.020 ± 0.006)
	Deflection with 98 N (10 kgf, 22 lbf) between the pulleys	8.0 – 11 (0.31 – 0.43) with used belt
		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 to new value. Run the engine for 5 minutes then turn it off. Readjust deflection to used belt value.