

COMPRESSOR OIL CHART

PAG OIL

MANUFACTURER	PART NUMBER	ISO Reference No.	RTI PART NUMBER
Audi	G-052-154-A2	46	011-80015-00
Chrysler	82300102	46	011-80015-00
Chrysler	82300349	100	011-80016-00
Ford	F2AZ-19577-AC	46	011-80015-00
GM	12345923	150	011-80017-00
GM	12346292 V-5 Retrofit	Call RTI	Call RTI
Hyundai	FD46XG	46	011-80015-00
Mazda	F57H-190629-BA	46	011-80015-00
Nissan/Infiniti	KLH00-PAGS-1	46	011-80015-00
Nissan/Infiniti	KLH00-PAGR-1	100	011-80016-00
Nissan	KLH00-PAQU	46	011-80015-00
Saturn	123345913	100	011-80016-00
Subaru	ZXL100PG	46	011-80015-00
Subaru	ZXL200PG	100	011-80016-00
Toyota	NDOIL8	46	011-80015-00
Toyota	NDOIL9	100	011-80016-00
VW	G-052-154-A2	46	011-80015-00
VW	G-052-100-A2	100	011-80016-00

MINERAL OIL

COMPRESSOR TYPE	SUS Reference No.	ISO Reference No.	RTI PART NUMBER
R-12	500	100	011-80018-00
Ford R-12 F732 19577 AA	500	100	011-80019-00

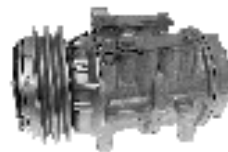
ESTER OIL

COMPRESSOR TYPE	ISO Reference No.	RTI PART NUMBER
Limited OE Retrofits Land Rover Saab OE Number 4074787 Volvo OE Number 1161425 Jaguar	100	011-80021-00
Systems previously retrofitted with Ester Oil	100	011-80021-00

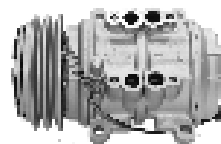
RTI TECHNOLOGIES, INC.

4075 East Market Street
York, PA 17402
800-468-2321

COMPRESSOR ILLUSTRATIONS



Chrysler C171 w-clutch



Chrysler A590



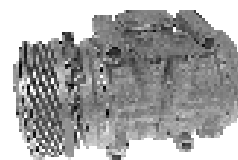
Ford FS10



GM HR6



Matsushita
SA1150AE4



Nippondenso 6P148



Chrysler C171



Ford FS6



GM R4 Standard



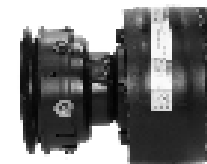
Nihon NVR140S



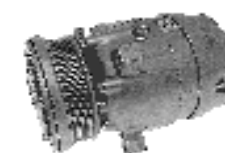
Sanden SD510



Chrysler RV2



GH R4 Short Shaft



GM V5



Nippondenso 10P15C



Sanden SD709



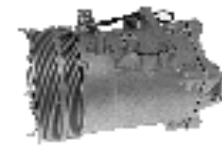
Chrysler 6C17 Variable



Diesel-Kiki DKS15CH



GM A6



Hitachi MJS170



Nippondenso 10PA17C



York \ Tecumseh

A/C SYSTEM OIL REPLACEMENT GUIDE

Follow guidelines below to avoid poor cooling or failure problems resulting from improper oil levels.

COMPONENT PARTS

When replacing the following components, add the amount of oil indicated to the new component.

Accumulators on any System	3 ozs
Condensers on any System	2 ozs
Evaporators on Chrysler Systems	2 ozs
Evaporators on Ford & GM Systems	3 ozs
Receiver Driers on any System	1 oz
Sudden Hose Failure	2 oz

COMPRESSOR OIL LEVEL INFORMATION

Compressor oil level is usually the best way to determine the system oil level. Systems that use compressors that cannot be checked with a dipstick should be drained and refilled when an improper level is suspected. Follow the guidelines below to ensure proper oil replacement. NOTE: If A/C system has been flushed or totally replaced, refer to the Manufacturer's specification on under-hood label for system oil capacity.

Chrysler 6C17 – Drain oil through the suction port and replace with the same amount of new oil (4.7 ozs. maximum)

Chrysler 10PA17 - Drain and measure oil. Replace with the same amount of new oil (3.25 ozs. maximum).

Chrysler RV2 – Use dipstick. Oil level should be 2-3/8 ozs.

Ford 10P15, 10PA17A – Drain and measure oil. If drained oil is between 3 and 5 ozs. replace with the same amount. If drained oil is less than 3 ozs. add 3 ozs. If drained oil is over 5 ozs. add only 5 ozs.

Ford FS6, 6P148, 6E171 – Drain and measure oil. Replace with the same amount of new oil (7 ozs. maximum).

Ford FS10/FX15 – Drain and measure oil. If drained oil is between 3 and 5 ozs. replace with the same amount. If drained oil is less than 3 ozs. add 3 ozs. If drained oil is over 5 ozs. add only 5 ozs.

Diesel KIKI, ZEXEL – Drain oil through drain plug and replace with the same amount. If less than 2.5 ozs. was drained, add 3 ozs.

GM A6 – Drain and measure oil. Replace with 6 ozs. of new oil. If over 6 ozs. were drained the system may have an oil over-charge.

GM R4 – Drain and measure oil. Replace with the same amount of new oil plus 1 oz. (3 ozs. maximum).

RTI TECHNOLOGIES, INC.

4075 East Market Street
York, PA 17402
800-468-2321

A/C SYSTEM OIL REPLACEMENT GUIDE

COMPRESSOR OIL LEVEL INFORMATION (Continued)

GM DA6, HR6, HR6HE – Drain and measure oil. Replace with the same amount of new oil plus 1 oz. (4 ozs. maximum).

GM V5 – Drain oil through drain plug and measure. Replace with the same amount of new oil (4 ozs. maximum).

HR980 – Drain and measure oil. Replace with new oil (4 ozs. maximum).

Hitachi – Drain oil through suction port. Replace with same amount of new oil. If oil drained is less than 2.5 ozs. add 3 ozs.

Keihin – Drain oil through suction port and replace with 3 ozs. of new oil.

Chrysler & Nippondenso A590/C171 – Drain and measure oil. Replace with the same amount of new oil (3.25 ozs. maximum).

Sanden SD5 Series, SD7 Series (except SD709) – Check with dipstick, compressor in 12:00 position. Each notch on dipstick equals 1 oz. Level should be between 5 and 6 ozs.

Sanden SD709, TRF105 – Drain and measure oil. If oil drained is between 3 and 5 ozs. replace with the same amount of new oil. If less than 3 ozs. were drained add 3 ozs. If more than 5 ozs. were drained add only 5 ozs.

Tecumseh HG2000 (2 cylinder) – Check with dipstick. Horizontal mount should be 5/8 in. to 7/8 in., vertical mount should be 7/8 in. to 1-3/8 in.

York 206-209 (2 cylinder) – Check with dipstick. Horizontal mount should be 15/16 in. to 1-3/16 in., vertical mount should be 7/8 in. to 1-1/8 in.

R134a COMPRESSOR / OIL COMPATIBILITY LIST

Compressor Type	ISO Reference No.
Calsonic – Rotary	PAG100
Ford – FS6 (Converted from R-12), FS10/FX15	PAG46
GM – All Types	PAG150
Matsushita – NL Series	PAG100
Mitsubishi – FX Series	PAG46
Nippondenso – 10P, 10PA, 6C, P, E Series	PAG46
Nippondenso – TV Series	PAG100
Panasonic – N Series	PAG100
Sanden – SD Series	PAG100
Sanden – TR, SDV, SDB Series	PAG46
Seiko – Seiki – SS Series	PAG100
York / Tecumseh – All 2 Cylinder	PAG46
Zexel – DKS, DCW Series	PAG46
ZEXEL – SC, KC50, DKV, DCV Series	PAG100