

NRF - AIR CONDITIONING FILLING CHART (2020)



Brand/Model	Engine	Year	Info	Refrigerant	± gr	OE Oil	ISO Oil	± 10ml
DAF TRUCKS								
45/55/65		01.91-12.00		R134a	1000 ±50	SP10	PAG46	175
65 CF/75 CF/85 CF		02.98-12.00		R134a	850 ±50	SP10	PAG46	135
75/85		07.92-02.98		R134a	900 ±50	SP10	PAG46	175
95		09.87-01.98		R134a	1000 ±50	SP10	PAG46	175
95 XF		01.97-09.02		R134a	700 ±50	SP10	PAG46	135
LF		05.13		R134a	1000 ±50	SP10	PAG46	175
LF 45/LF 55		01.01-		R134a	1000 ±50	SP10	PAG46	175
CF		05.13		R134a	See OE!	SP10	PAG46	See OE!
CF 65/CF 75/CF 85		01.01-05.13		R134a	850 ±50	SP10	PAG46	135-175
XF		10.12-		R134a	700 ±50	SP10	PAG46	175
XF 95		01.02-12.06		R134a	700 ±50	SP10	PAG46	135
XF 105		10.05-		R134a	700 ±50	SP10	PAG46	135
IVECO TRUCKS								
Daily III		05.99-05.06	+ Rear evap.	R134a	720 ±20/1150 ±50	SP20	PAG100	135/170
Daily IV		05.06-	External drier	R134a	720 ±20	ND-8	PAG46	135
Daily IV		05.06-	Integrated drier	R134a	440 ±20	ND-8	PAG46	135
Eurocargo II		09.02-2008		R134a	950 ±50	PAG46	PAG46	135
Eurocargo III		02.08-		R134a	440 ±20	PAG46	PAG46	135
EuroStar		01.93-2000	with condensor on side	R134a	1650/1850 ±50	SP20	PAG100	135/200
EuroStar		2000-02.02		R134a	1650 ±50	ND-8	PAG46	135
EuroTech MP/MT		01.92-08.98	with condensor on side	R134a	1650/1850 ±50	SP20	PAG100	135/200
EuroTech MH		09.98-2002		R134a	1650 ±50	ND-8	PAG46	200
EuroTrakker		01.93-11.04		R134a	1650 ±50	SP10	PAG46	200
Stralis		02.02-	with condensor on side	R134a	700/1400 ±25	ND-8	PAG46	180/200
Trakker		11.04-		R134a	700 ±25	ND-8	PAG46	200
LDV								
Maxus	2.5 D	02.05-12.09	LHD/RHD	R134a	850/880 ±25	PAG150	PAG150	265
MAN TRUCKS								
F 2000		1999-2007	Tub&Fin condenser/PF condenser	R134a	1150/950 ±50	SP-10	PAG46	180
LE 2000		09.99-2005	PF condenser	R134a	950 ±50	SP-10	PAG46	180
M 2000 L + M		1999-12.05	PF condenser	R134a	950 ±50	SP-10	PAG46	180
TGA		03.00-	With parking AC	R134a	900/1050 ±50	SP-10	PAG46	250/280
TGE (UY)		02.17-	» VW Crafter II (SY/SX)/ + Rear evap.	R1234yf	555/800 ±15	SP-A2	PAG46yf	60/150
TGL		04.05-		R134a	650 ±50	SP-10	PAG46	150
TGM		10.05-		R134a	750 ±50	SP-10	PAG46	150
TGS		08.07-	With parking AC	R134a	950/1050 ±50	SP-10	PAG46	200/250
TGX		09.07-	With parking AC	R134a	950/1050 ±50	SP-10	PAG46	200/250
MERCEDES TRUCKS								

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Actros MP2 / MP3		10.02-2011	With parking AC	R134a	1150/1600 ±50	ND-8	PAG46	180/200
Actros MP4		07.11-	With parking AC	R134a	1080/1280 ±50	ND-8	PAG46	180/210
Antos		07.12-	With parking AC	R134a	1080/1280 ±50	ND-8	PAG46	180/210
Arocs		01.13-	With parking AC	R134a	1080/1280 ±50	ND-8	PAG46	180/210
Atego		01.98-10.04		R134a	1000 ±50	ND-8	PAG46	160
Atego 2		01.04-04.13	> VIN K956641	R134a	1150 ±50	ND-8	PAG46	160
Atego 2		01.04-04.13	VIN K956642 >	R134a	550 ±50	ND-8	PAG46	160
Atego 3		04.13-		R134a	550 ±50	ND-8	PAG46	160
Axor		09.01-10.04		R134a	1150 ±50	ND-8	PAG46	175
Axor 2		10.04-		R134a	1100 ±50	ND-8	PAG46	150
Econic		03.98-		R134a	800 ±25	ND-8	PAG46	160
Econic 2		04.13-		R134a	See OE!	ND-8	PAG46	See OE!
Unimog U300/U500		03.00-2004		R134a	1400 ±50	ND-8	PAG46	150
Vario		09.96-09.13		R134a	1200 ±50	ND-8	PAG46	160
Zetros		09.08-		R134a	1250 ±50	ND-8	PAG46	180
MITSUBISHI FUSO TRUCKS								
Canter 6		10.97-2005		R134a	650 ±25	PAG46	PAG46	130
Fuso Canter 7		2005-06.11		R134a	650 ±25	PAG46	PAG46	130
Fuso Canter 8		07.11-		R134a	See OE!	PAG46	PAG46	See OE!
NISSAN TRUCKS								
Atleon		09.00-2013	> VIN 514109/VIN 514110 >	R134a	900/750 ±50	DH-PS	PAG46	260
Cabstar (F23/H41/H42)	3.0 Di	07.92-09.11		R134a	650/750 ±50	DH-PS	PAG46	250
Cabstar (F24)		09.06-12.13	» Renault Maxity	R134a	300 ±10	DH-PS/SP-10	PAG46	150
RENAULT TRUCKS								
C- /T- /K- Series	Euro 6	01.13-	» Volvo Trucks FH II - Series	R134a	650 ±10	SP-10	PAG46	175
Kerax		06.97-2002		R134a	1400 ±50	SP-10	PAG46	175
Kerax		2002-2007		R134a	1550 ±50	SP-10	PAG46	175
Kerax		2007-		R134a	1250 ±50	SP-10	PAG46	175
Magnum		09.90-		R134a	1450 ±50	SP-10	PAG46	165
Mascott	2.8 Diesel	01.99-06.04		R134a	900 ±50	PAG100	PAG100	150
Mascott	3.0 Diesel	05.04-		R134a	750 ±50	SP-10	PAG46	135
Maxity		03.07-		R134a	300 ±10	SP-10	PAG46	150
Midlum		01.00-		R134a	1200 ±50	SP-10	PAG46	175
Premium		04.96-2006		R134a	1400 ±50	SP-10	PAG46	165
Premium II		10.05-		R134a	1200 ±50	SP-10	PAG46	175
SCANIA TRUCKS								
3- Series		01.88-12.96		R134a	800 ±25	SP-10	PAG46	175
4- Series		09.95-09.04		R134a	1450 ±50	SP-10	PAG46	240
P/G/R/T - Series		03.04-		R134a	1235 ±50	SP-10	PAG46	240

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VOLVO TRUCKS								
FE - Series		05.06-		R134a	1250 ±50	SP-10	PAG46	175
FE II -/HF 16 II - Series		01.12-		R134a	See OE!	SP-10	PAG46	175
FH 12/FH 16		08.93-		R134a	1150 ±50	SP-10	PAG46	175-200
FH - Series		09.05-		R134a	1200 ±50	SP-10	PAG46	200
FH II - Series	Euro 6	05.12-	» Renault Trucks C- /T- /K- Series	R134a	650 ±10	SP-10	PAG46	175
FL I - Series		09.85-03.00		R134a	1150 ±50	SP-10	PAG46	175
FL II - Series		05.06-		R134a	1200 ±50	SP-10	PAG46	175
FL III - Series		05.13-		R134a	See OE!	SP-10	PAG46	175
FM I - Series		08.98-11.08		R134a	1150 ±50	SP-10	PAG46	175
FM II - Series		09.05-		R134a	1250 ±50	SP-10	PAG46	175
FMX -/FMX II - Series		04.10-		R134a	1200 ±50	SP-10	PAG46	175
NH 12 - Series		01.98-		R134a	1250 ±50	SP-10	PAG46	175

Viscosity of PAG (PolyAlkylenGlycol) oil:

PAG46 = Low

PAG100 = Medium

PAG150 = High

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