



PANTHER1 ATF PRO-SPEED

Description

A synthetic automatic transmission fluid, based on synthetic base oils, formulated with special friction modifiers.

Applications

This fluid may be used for automatic transmissions, which are applied in several Japanese cars with before mentioned specifications. It is recommended to follow the instructions of the manufacturer.

- a very high and stable viscosity index
- a very low pour point
- an excellent stability against oxidation
- a positive activity against wear, corrosion and foam
- specific friction properties and consequently low noise and smooth switching
- compatible with synthetic seals
- a quick oil provision at cold start conditions

Performance Level

Nissan Matic Fluid C/D/J/K
Toyota ATF T/ T-II/T-III/T-IV/D-II/D-III/WS
Honda ULTRA II, ULTRA-Z1, ULTRA HMMF
Mazda ATF M-V
Hyundai/Kia SP-II/SP-III
Suzuki ATF 3314
Subaru ATF/ATF 5AT/ATF HP/Dexron II
GM Dexron IID/IIIE/IIIG/IIIH, TASA
Ford Mercon/M2C 138CJ/166H/922A1/924A
Aisin Warner JWS 3309/3324, Isuzu Besco ATF II/III
Allison C4/TES-228, JASO M 315-2013 Type 1A
MB 236.1/236.6/236.7/236.8/236.9/236.10
BMW 7045E/8072B
Chrysler ATF +3/ATF +4
VAG G-055-025
Volvo 1161540
ZF TE-ML 09/11A/11B

Characteristics

		Unit	Average Value
Density at 15 °C		kg/l	0.846
Viscosity 40 °C		mm ² /s	36.60
Viscosity 100 °C		mm ² /s	7.20
Viscosity Index			165
Flash Point COC		°C	212
Pour Point		°C	-48
Total Base Number		mgKOH/g	2.7



PANTHER1 ATF 8 SPEED

Description

This is a full synthetic lubricant based on carefully selected very high quality base oils that has been specifically developed for ZF 6, 8 and 9-speed automatic transmissions. Its particular formulation ensures a trouble-free operation and smooth gear shifting.

Applications

Exclusively intended for the ZF 6,8 and 9 speed automatic transmissions, as fitted in VW, BMW, Jaguar, Land Rover, Jeep, Chrysler and FIAT group

Performance Level

ZF 8 HP
BMW: 83222152426
CHRYSLER: 68157995AA
FIAT: 9.55550-AV5
JAGUAR: 02JDE26444
LAND ROVER: LR023288
VW 060 162

Characteristics

		Unit	Average Value
Density at 15 °C		kg/l	0,845
Viscosity 40 °C		mm ² /s	28.1
Viscosity 100 °C		mm ² /s	5.94
Viscosity Index			164
Viscosity -40°C		mPas	9500
Flash Point COC		°C	210
Pour Point		°C	-48



PANTHER1 ATF LV 6-8

Description

Synthetic all-round low viscosity Automatic Transmission oil

Is a synthetic automatic transmission oil, which has been especially developed for automatic gear boxes requiring low viscosity ATF. ensures easy shifting under all operating temperatures, without unnecessary friction. Because of the low pour point and the high VI, can be applied in a wide temperature range. Because of the excellent oxidation and thermal stability, keeps its unique properties, so it easily meets the prescribed drain intervals. A unique combination of synthetic base oils and state-of-the-art additives, guarantee all-round, easy shifting. The low viscosity ensures a fuel economy benefit compared to conventional viscosity ATF's.

Applications

Mainly intended for the 6 or 8 speed automatic transmissions from ZF or other manufacturers, as fitted in BMW, Jaguar and Land Rover, it is also suitable for other OEMs, who recommend this type of fluid like Mercedes Benz, Hyundai, Toyota. This transmission oil is very universal in use.

Performance Level

BENTLEY:PY112995PA
BMW: 8322 2152426 / 8322 0144137 / M-1375.4 (8322 0142516)
HYUNDAI: 040000C90SG
MERCEDES BENZ 236.12 / 236.14 / 236.41
Mitsubishi SP-IV & ATF J-2
Mitsubishi ATF-PA
NISSAN MATIC - S
SAAB 93 165 147
TOYOTA WS
JWS 3324
GM DEXRON VI
JAGUAR: Fluid 8432
FORD MERCON LV & SP
LAND ROVER: TYK500050
MASERATI: 231603
VW: G 055 005 A1/A2/A6 / G 060 162 A2
MAZDA FZ
HONDA DW-1
KIA / HYUNDAI SP-IV/ SPH-IV
ZF Lifeguard Fluid 6 (S671 090 255)
ZF Lifeguard Fluid 8

Characteristics

		Unit	Average Value
Density at 15 °C		kg/l	0,845
Viscosity 40 °C		mm ² /s	31.0
Viscosity 100 °C		mm ² /s	6.2
Viscosity Index			153
Viscosity -40°C		mPas	9500
Flash Point COC		°C	210
Pour Point		°C	-48



PANTHER1 ATF ULV

Description

This is a full synthetic lubricant based on carefully selected very highly refined base oils for automatic transmissions with a high viscosity index, excellent oxidation stability, excellent friction and anti-wear properties providing supreme fuel economy and meeting the requirements of most of the newest Ford and GM automatic transmissions.

Application

This fluid is a new ultra-low viscosity ATF for MY 2017 on, GM Hydra-Matic 10L90 (10Lxx series) speed automatic transmissions used in the Yukon, Camaro ZL-1, Cadillac Corvette, Tahoe and other rear wheel drive models. It is used in the Ford Raptor and F-150, and known as the 10R80. Ford ATF equivalent known as Mercon ULV and WSS-M2C949-A.

Specifications

FORD: MERCON ULV
FORD: WSS-M2C949-A
GM: DEXRON ULV

Properties

	Method	Unit	ATF ULV Fluid
Density at 15 °C		kg/l	0,847
Viscosity 40 °C		mm ² /s	19.80
Viscosity 100 °C		mm ² /s	4.55
Brookfield Viscosity 40°C		mPa.s	3700
Viscosity Index			151
Flash point COC		°C	182
Pour Point		°C	-57



PANTHER1 CVT OIL

Description

This is a full synthetic lubricant based on carefully selected very high quality base oils, that has been designed to be used in most CVT gearboxes. It is suitable for continuously variable transmissions, using steel push-belts or chains. It offers outstanding anti-wear protection and stable friction characteristics.

Applications

OEMs usually recommend specific CVT fluids for their transmissions. By carefully balancing base oils and advanced additives, it has become possible to formulate this fluid that meets the requirements of both European and Japanese CVT manufacturers. This product may not be used in some hybrid vehicles, requiring special fluids

Performance Level

DAIHATSU AMIX CVTF DC/DFC/DFE
CHRYSLER / DODGE / JEEP: NS-2 / MOPAR CVTF+4
FORD: WSS-M2C928-A / Hybrid e-CVT
GM: DEX-CVT / 1940713 / 1940714
HONDA: HMMF (without starting clutch) / HCF2 / iMMD
HYUNDAI/KIA: CVT1 / SP III (CVT model)
JASO CVT 8 Hybrid
MAZDA JWS 3320
MB: 236.20
MITSUBISHI SP-III (only CVT) / CVTF J1/(ECO)J4/J4+
MINI COOPER EZL 799 / 799A
NISSAN NS-1/2/2V/3 / N-CVT
SUBARU ECVT / iCVT / iCVT FG / NS-2
SUBARU: Lineartronic High Torque (HT) CVTF
SUBARU: Lineartronic chain CVTF / CVTF II / III
SUZUKI: CVTF TC / 3320 / 4401 / NS-2 / Green 1/2/1V
TOYOTA: CVTF TC / FE / THSII
VW: G 052 180
VW: G 052 516

Characteristics

		Unit	Average Value
Density at 15 °C		Kg/l	0,852
Viscosity 40 C		mm ² /s	34.20
Viscosity 100 °C		mm ² /s	7.35
Viscosity -40 °C		mPas	10600
Viscosity Index			189
Flash Point COC		°C	210



PANTHER1 ATF DEXRON VI

Description

This is a full synthetic lubricant based on carefully selected very high quality base oils, which meets the requirements of the General Motors Dexron VI specification. Its special composition allows it to be used in all applications, where the older Dexron II and Dexron III fluids are recommended.

Applications

This high quality ATF can be used in automatic transmissions with torque convertors of passenger cars, as well as in wet clutches and power steering units.

Performance Level

AisinWarner JWS 3309(T-IV)/3324(WS)/AW-1/AW-2
Allison C3/C4,
BMW 7045E/8072B/LA2634/ATF6/Mini
Cat TO-2,
Chrysler Dodge Mopar AS68RC/69RC (T-IV)
Chrysler ATF+/-2/+3,
Daihatsu ATF D-II/D-III SP
Fiat Type IV / 9.55550-AV5
Ford Mercon LV/Mercon/M2C138-CJ/166-H/922-A1/924-A
GM Dexron VI/II/IIID/IIIE/IIIG/IIIH, TASA
Honda Acura DW-1/ATF-Z1(except in CVT)
Hyundai/Kia SP-II/SP-III/SP-IV/SP-IV M/SP-IV RR
Hyundai/Kia JWS 3314/9683, Isuzu ATF II/III/SP
Jaguar ATF 3403 M115/JLM 20238/20292
JASO M315-2013 1A/1A-LV/2A
Mazda ATF DII/M-III/M-V/FZ/F-1/S-1/N-1/3317
MB 236.1/2/3/236.5/236.7/236.8/236.9/236.41
Mitsubishi SK/SP-II/SP-III/SP-IV/AW/J2/J3/ PA/MA1
Nissan Matic C/D/J/K/P/S, Porsche 3403-M115/T-IV
Subaru ATF ATF/AW-1/5AT/ATF HP
Suzuki ATF 3309/3314/3317/2326/2384K
Toyota D-II/D-III/T-III/T-IV/WS
VW G 052 025 / G 052 055 / G 052 162 / G 052 990
VW G 053 001 / G 053 025 / G 055 005 / G 055 025
VW G 055 162 / G 055 540 / G 060 162

Characteristics

		Unit	Average Value
Density at 15 °C		kg/l	0,847
Viscosity 40 °C		mm ² /s	30
Viscosity 100 °C		mm ² /s	6.0
Viscosity Index			151
Viscosity -40°C		mPas	12000
Colour			Red



PANTHER1 ATF DCT

Description

This is a full synthetic lubricant based on carefully selected very high quality base oils, specifically developed for the dual clutch transmissions (DCT) of modern passenger cars. It ensures trouble-free operation of these gearboxes.

Application

Mainly intended for the DSG (Direct Shift Gearbox) of VAG, this fluid can also be used for other 6-speed DCT transmissions, such as Chrysler Powershift, Ford Powershift, Mitsubishi TC-SST, Volvo Powershift, BMW Drivelogic 7-speed, etc. This product is not intended for VW dry clutch DSG type 0AM,02M,02Q and 02S.

Specifications

BMW DCTF-1 / 1+, DCTF-2, MTF LT-5
BorgWarner
Bugatti Veyron
Chrysler 68044345 EA & GA
DTFR 13C130
Ferrari TF DCT-F3
FIAT 9.55550-DA11, FIAT 9.55550-HE2, FIAT 9.55550-MZ6
Ford WSS-M2C936-A, FORD WSS-M2C218-A1, FORD WSS-M2C200-D2
Hyundai/Kia
MB 236.21 / 236.22 / 236.24 / 236.25 / 239.21
Mitsubishi Dia-Queen SSTF-1
Nissan 999MP-6 TR T00P
Nissan GT-R R35 Special
Porsche 000.043.20, Porsche 000.043.207.29, Porsche 000.043.207.30, Porsche 999.917.080.01, Porsche ZF FFL-3
PSA 9734 S2
Renault EDC / DC4 / DW5 / DW6
Renault BOT450 EDC 6-Speed
Toyota JWS 2271
Volvo BOT341 #1161838 / 1161839
VW G 052 182, VW G 052 513, VW G 052 529, VW G 055 529, VW G 052 536, VW G 055 536
VW G 060 726, VW G 070 726, VW TL 52182

Properties

	Method	Unit	ATF DCT Fluid
Density at 15 °C		kg/l	0,854
Viscosity 40 °C		mm ² /s	34.00
Viscosity 100 °C		mm ² /s	7.00
Viscosity Index			173
Flash point COC		°C	201
Pour Point		°C	-48