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Product Data Sheet (PDS)



SYNCROGEN SYNTHETIC ATF DEX VI

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SYNCRAGEN SYNTHETIC ATF DEX VI



SYNCRAGEN SYNTHETIC ATF DEX VI is a high performance, fully synthetic automatic transmission fluid that meets or exceeds the stringent requirements of DEXRON® VI specification and provides warranty protection for 2006 and newer General Motor's vehicles. It also provides improved performance in older vehicles, wherever DEXRON is specified.

PERFORMANCE STANDARDS:

SYNCRAGEN SYNTHETIC ATF DEX VI meets or exceeds the following specifications (but not limited to):

- ✓ Acura ATF-Z1
- ✓ Aisin Warner JWS 3309 (T-IV) & JWS 3324 (WS), AW-1
- ✓ Aisin Warner AW-2, PSA 16 350 560 80, VW G 053 001
- ✓ Allison C-3 & C-4
- ✓ American Motors ATF +3 (MS7176-E)
- ✓ AML Oil No. 4G43A9A509/AA/S
- ✓ ATF RED 1, RED 1K
- ✓ Audi 5 HP LT71141 (ZF 5 HP 18FL/19FL/24A)
- ✓ Audi/VW G 052 025 A2
- ✓ Audi/VW G 053 025 A2
- ✓ Audi/VW G 052 162 A1/A2
- ✓ Audi/VW G 052 162 (ZF LifeguardFluid 5) (ZF No. S671 090 170)
- ✓ Audi/VW G 055 005 -A, -A1, -A2, -A6 (ZF LifeguardFluid 6) (ZF No. S671 090 255)
- ✓ Audi/VW G 052 990
- ✓ Audi/VW 052 055
- ✓ Bentley PY112995PA
- ✓ BMW JWS 3309 (T-IV)
- ✓ BMW LA2634
- ✓ BMW LT71141 (ZF 5 HP 18FL/19FL/24A)
- ✓ BMW ZF 5HP18FL, 5HP24, 5HP30
- ✓ BMW 7045E
- ✓ BMW ETL 8072B
- ✓ BMW ATF 6
- ✓ BMW ATF 7
- ✓ Bosch TE-ML 09
- ✓ CAT TO-2
- ✓ Chrysler ATF+, +2, +3 (MS7176E)
- ✓ Chrysler/Dodge MOPAR AS 68 RC and AS 69 RC (T-IV), JWS 3309
- ✓ Chrysler/Dodge/Jeep 05127382AA
- ✓ Chrysler/Dodge/Jeep 68043742AA
- ✓ Chrysler/Dodge/Jeep Borg Warner 68049954AA

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- ✓ Chrysler/Dodge/Jeep MOPAR SP IV, 68171866AA/68171869AA
- ✓ Daewoo LT 71141
- ✓ Daihatsu AMMIX ATF D-II
- ✓ Daihatsu AMMIX ATF D-III SP
- ✓ Esso LT 71141
- ✓ FIAT T-IV type, JWS 3309
- ✓ Ford MERCON®
- ✓ Ford WSS M2C 138CJ, 166H
- ✓ Ford WSS M2C 922A1, 924A (XT-8-QAW) JWS 3309
- ✓ Ford/Lincoln/Mercury XT-2-QDX (M)
- ✓ Ford/Lincoln/Mercury XT-2-QSM (Syn)
- ✓ Ford ESP-M2C166H, XL-12
- ✓ Fuso ATF-II
- ✓ Fuso ATF-SPIII
- ✓ Fuso ATF-A4
- ✓ GM9986195 (Aisin AW-1, JWS 3309)
- ✓ GM TASA
- ✓ GM DEXRON®-II
- ✓ GM DEXRON®-IID
- ✓ GM DEXRON®-IIE
- ✓ GM DEXRON®-IIIG
- ✓ GM DEXRON®-IIIH
- ✓ GM DEXRON®-VI
- ✓ GM 1940700
- ✓ GM 1940767
- ✓ GM 21005966
- ✓ GM 22717466
- ✓ GM 88900925
- ✓ GM 9986195
- ✓ GM 93160393
- ✓ GM Transfer Case (AutoTrak II)
- ✓ GM/GMC/Opel/Saturn AW1
- ✓ GM/GMC/Opel/Saturn VI
- ✓ GM/GMC/Opel/Saturn 88863400
- ✓ GM/GMC/Opel/Saturn 88863401
- ✓ Hino Blue ribbon ATF
- ✓ Honda ATF-Z1 (except in CVTs)
- ✓ Honda DW-1
- ✓ Hyundai/Kia SP-IV (00232-1904/04500-00115)
- ✓ Hyundai/Kia SP-IV M (SP4-M)
- ✓ Hyundai/Kia SPH-IV

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- ✓ Hyundai/Kia SP-IV-RR
- ✓ Hyundai/Kia SP-III
- ✓ Hyundai/Kia Dex-II/ SP-II
- ✓ Hyundai SP-II M
- ✓ Hyundai/Kia JWS 3314
- ✓ Hyundai/Kia NWS 9638
- ✓ Hyundai/Kia 040000C90SG
- ✓ Hyundai/Kia NUMM040 CH20 Red-1
- ✓ Idemitsu K17 3100 PL085
- ✓ ISUZU ATF WSI
- ✓ ISUZU BESCO ATF-II
- ✓ ISUZU BESCO ATF-III
- ✓ ISUZU 08200-9001
- ✓ Jaguar ATF 3403 M115, ATF 3403-M115,
- ✓ Jaguar ATF LT71141, ZF 5HP24
- ✓ Jaguar JLM20238
- ✓ Jaguar ATF 3403 JLM20238,
- ✓ Jaguar K17
- ✓ Jaguar JLM 20292
- ✓ Jaguar Fluid 8432
- ✓ Jaguar WSS-M2C922A1
- ✓ JASO M315-2013 1A
- ✓ JASO M315-2013 1A-LV
- ✓ JASO M315-2013 2A
- ✓ JEEP ATF+3
- ✓ KIA ATF SP-II, SP-III, SP-IV, SP-IVM, Red 1
- ✓ Land Rover TYK500050
- ✓ Land Rover LR0022460
- ✓ Lexus JWS 3309
- ✓ MAN 339A
- ✓ Maserati 231603
- ✓ Mazda ATF D-II
- ✓ Mazda ATF M-III
- ✓ Mazda ATF M-V
- ✓ Mazda ATF FZ
- ✓ Mazda ATF A7
- ✓ Mazda ATF F-1
- ✓ Mazda ATF S-1
- ✓ Mazda ATF N-1
- ✓ MAZDA ATF 3317
- ✓ MB ZF 4HP20

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- ✓ MINI COOPER T-IV
- ✓ Mitsubishi Diaqueen SK
- ✓ Mitsubishi Diaqueen SP
- ✓ Mitsubishi Diaqueen SP-II
- ✓ Mitsubishi Diaqueen SP-III
- ✓ Mitsubishi Diaqueen SP-IV
- ✓ Mitsubishi Diaqueen AW
- ✓ Mitsubishi Diaqueen J2
- ✓ Mitsubishi Diaqueen J3
- ✓ Mitsubishi Diaqueen ATF-MA1
- ✓ Mitsubishi Diaqueen ATF PA
- ✓ NAG 1 (Chrysler, Jeep, Cherokee)
- ✓ Nissan Matic Fluid C
- ✓ Nissan Matic Fluid D
- ✓ Nissan Matic Fluid J
- ✓ Nissan Matic Fluid K
- ✓ Nissan Matic Fluid S
- ✓ Nissan Matic Fluid W
- ✓ Opel/GM 19 40 700
- ✓ Opel/GM 19 40 767
- ✓ Opel/GM 21005966 Transaxle
- ✓ Opel/GM 22 17466
- ✓ Opel/GM 88900925
- ✓ Opel/GM 9986195
- ✓ Peugeot ZF 4HP20
- ✓ Peugeot/Citroen Z 000169756
- ✓ Peugeot/Citroen (PSA) AL4 Automatic gearbox oil (#9730.AE)
- ✓ Porsche ZF 5HP19FL, ZF 5HP20, LT71141
- ✓ Porsche ATF 3403-M115,
- ✓ Porsche T-IV (JWS 3309)
- ✓ Porsche 000 043 205 09
- ✓ Porsche 999 917 547 00 (A2)
- ✓ Porsche 000 043 205 28
- ✓ Porsche Z 000169756
- ✓ PSA B71 2340
- ✓ Renault DPO/AL4
- ✓ Renault Matic D2
- ✓ Renault Samsung SATF-D
- ✓ Saab T-IV (JWS 3309)
- ✓ Saab 93 165 147
- ✓ Saab 93 160 393

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- ✓ Saab Power Steering Fluid 2634, 45 30 09 800, 93160548
- ✓ Saturn T-IV (JWS 3309)
- ✓ Scion (all vehicles)
- ✓ Shell 3403, M115, LA 2634
- ✓ Shell M-1375.4
- ✓ Ssang yong DSIH 5M-66
- ✓ Subaru ATF
- ✓ Subaru K0140Y0700
- ✓ Subaru ATF 5AT
- ✓ Subaru DEXRON®-II
- ✓ Subaru ATF, ATF HP
- ✓ Subaru Opel Original ATF 09117946/93160393
- ✓ Suzuki ATF AW-1
- ✓ Suzuki AT OIL 5D06
- ✓ Suzuki ATF 2326
- ✓ Suzuki ATF 2384K
- ✓ Suzuki JWS 3309
- ✓ Suzuki ATF 3314
- ✓ Suzuki ATF 3317
- ✓ Texaco 7045-E
- ✓ Texaco 8072B
- ✓ Texaco N402
- ✓ Toyota ATF D-II
- ✓ Toyota ATF D-III
- ✓ Toyota ATF T-III
- ✓ Toyota ATF T-IV
- ✓ Toyota ATF WS
- ✓ Vickers M2950-S, I-286-S
- ✓ Voith 55.6335.xx (G607)
- ✓ Volvo 97325
- ✓ Volvo 97335
- ✓ Volvo CE 97340
- ✓ Volvo PN 1161521
- ✓ Volvo PN 1161540/1161640
- ✓ Volvo PN 31256774/31256675
- ✓ Volvo PN 1161621
- ✓ VW 5 HP (ZF 5 HP 30)
- ✓ VW 5HP (18FL, 30)
- ✓ VW 5HP (19FL, 24A)
- ✓ VW G-055-025 A2 (JWS 3309)
- ✓ VW G 052 162 (ZF LifeguardFluid 5)

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- ✓ VW G 055 005-A, -A2 (ZF LifeguardFluid 6)
- ✓ VW TL 52540-A
- ✓ VW TL 521 62
- ✓ ZF all 3 & 4 speed transmission
- ✓ ZF 6 speed transmissions
- ✓ ZF TE-ML 05L
- ✓ ZF TE-ML 09
- ✓ ZF TE-ML 11A, 11B
- ✓ ZF TE-ML 21L

eMobility Claims

- Jatco JR712E
- Mazda SKYACTIVE-HYBRID
- Nissan Altima Hybrid
- Tesla Model S, Model 3, and Model X
- Toyota THSII/Toyota Prius

APPLICATION:

- For most 2006 and newer GM vehicles.
- Not to be used for DCT or CVT applications

ADVANTAGES:

- Low viscosity formulation provides fuel economy benefits compared with fluids formulated to meet DEXRON® IIIH or earlier specifications.
- Premium synthetic formulation gives outstanding oxidative resistance extending transmission life
- Enhanced friction durability improves shifting performance.

TECHNICAL DATA

Sr. No	Characteristics	Test Method	Results
01	Appearance	VISUAL	B & C
02	Color	ASTM D-1500	Red
03	Density @ 15 C, g/ml	ASTM D-4052	0.868
04	Viscosity @ 40 C, cSt	ASTM D-445	27.86
05	Viscosity @ 100 C, cSt	ASTM D-445	6.0
06	Viscosity Index	ASTM D-2270	170
07	Flash Point, COC, C	ASTM D-92	218
08	Pour Point, C	ASTM D-97	-45

Health and Safety:

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application, following the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.