



NATIONAL MERCON® LV/DEXRON™ VI | Automatic Transmission Fluid

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## Product Description

NATIONAL MERCON® LV/ DEXRON™ VI is a high performance multi vehicle automatic transmission fluid formally approved by Ford and General Motors. It is also suitable for use in other low viscosity applications<sup>2</sup>.

NATIONAL MERCON LV/ DEXRON™ VI is formulated to meet the stringent viscometric, friction, wear and oxidation stability properties required in passenger car and light truck transmissions.

## Approvals and Certifications

- **GM DEXRON™ VI (License# J-62112):**
  - ◆ Back serviceable to prior generation GM applications; including DEXRON®-III, DEXRON®-II and Type A Suffix A
- **Ford MERCON® LV (License# MLV190803):**
  - ◆ It cannot be used in other Ford applications such as MERCON®, MERCON® SP, MERCON® V, and Type F applications
- **JASO M315-2015 1-A-LV15:**
  - ◆ For Japan Automaker Manufacturer Association applications

## Features

- Outstanding low temperature performance and resistance against sludge and deposit formation
- Improved anti-wear protection which contributes to extended fluid life
- Optimized frictional properties that provide smooth gear shifting during low temperature operation and help prevent transmission vibration

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## Technical Data (Typical Values)

|                        | ASTM      | Typical |
|------------------------|-----------|---------|
| Product Number         | 07-001066 |         |
| SDS Number             | S168      |         |
| Viscosity @ 100°C, cSt | D445      | 5.893   |
| Viscosity @ 40°C, cSt  | D445      | 29.32   |
| Viscosity Index        | D2270     | 150     |
| Specific Gravity 60°F  | D4052     | 0.8493  |
| Pour Point, °C         | D5950     | -51     |
| Flash Point, °C        | D92       | 204     |
| Brookfield @ -40°C, cP | D2983     | 10,300  |
| Color                  | Visual    | Red     |



# MERCON® LV

1. Dexron™ is a registered trademark of General Motors, LLC. Mercon® is a registered trademark of Ford Motor, Co.
2. Consult your owner's manual regarding its suitability as ATF in imported vehicles. Do not use in ATF applications where CVT fluids are required. Do not use in Honda power steering fluid systems.

*The recommended shelf life for these oils is typically 48 months from manufacturing date when stored properly in the original sealed containers*

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**Other applications<sup>2</sup>**

| <b>OEM / ATF</b> | <b>APPLICATION</b>      | <b>OEM / ATF</b> | <b>APPLICATION</b>                    |
|------------------|-------------------------|------------------|---------------------------------------|
| AISIN            | AW-2                    | BMW              | P/N 83 22 0 024 359                   |
| AISIN            | JWS 3309 ATF, ATF-OT4   | BMW              | P/N 83 22 0 026 922                   |
| AISIN            | JWS 3324 ATF, ATF-OWS   | BMW              | P/N 83 22 0 142 516                   |
| Allison          | C2                      | BMW              | P/N 83 22 0 397 114                   |
| Allison          | C3                      | BMW              | P/N 83 22 0 402 413                   |
| Allison          | C4                      | BMW              | P/N 83 22 0 403 248/249               |
| ATF              | 134                     | BMW              | P/N 83 22 2 152 426                   |
| ATF              | 3353                    | BMW              | P/N 83 22 2 163 514                   |
| ATF              | 3100 PL085              | BMW              | P/N 83 22 2 220 438/440               |
| ATF              | 3403-M115               | BMW              | P/N 83 22 2 220 442                   |
| ATF              | D971                    | BMW              | P/N 83 22 2 289 720                   |
| ATF              | ETL-7045 E              | BMW              | P/N 83 22 2 305 396                   |
| ATF              | K17                     | BMW              | P/N 83 22 2 305 397                   |
| ATF              | L12108                  | BMW              | P/N 83 22 2 355 599                   |
| ATF              | LA 2634                 | BMW              | P/N 83 22 2 355 601                   |
| ATF              | M-1375.4                | BMW              | P/N 83 22 2 413 477                   |
| ATF              | M-1375.6                | BMW              | P/N 83 22 7 542 290                   |
| ATF              | N402                    | BMW              | P/N 83 22 9 407 765                   |
| ATF              | SP-III                  | BMW              | P/N 83 22 9 407 807                   |
| Bentley          | P/N PY112995PA          | Bosch            | Bosch TE-ML 09                        |
| BMW              | ATF 3+                  | Citroen          | Z 000169756                           |
| BMW              | ATF 7                   | DAIHATSU         | D3-SP                                 |
| BMW              | ATF4                    | FCA              | 8 & 9 Speed ATF, P/N<br>68218925AA/AB |
| BMW              | ATF6                    | FCA              | ASRC                                  |
| BMW              | ETL-7045                | FCA              | ATF+                                  |
| BMW              | ETL-7045 E              | FCA              | ATF+2                                 |
| BMW              | ETL-8072B               | FCA              | ATF+3                                 |
| BMW              | LA 2634                 | FCA              | ATF+4                                 |
| BMW              | LT 71141                | FCA              | AW-1, P/N 68092912AA                  |
| BMW              | M-L12108                | FCA              | Dex-VI, P/N 68043742AA                |
| BMW              | P/N 81 22 9 400 272/275 | FCA              | Fiat 9.55550-AV1                      |
| BMW              | P/N 81 22 9 407 858/859 | FCA              | Fiat 9.55550-AV2                      |
| BMW              | P/N 83 22 0 024 249     |                  |                                       |

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**NATIONAL MERCON® LV/DEXRON™ VI | ATF****Other applications (cont.)<sup>a,b</sup>**

| <b>OEM / ATF</b> | <b>APPLICATION</b>                                                          | <b>OEM / ATF</b> | <b>APPLICATION</b>                        |
|------------------|-----------------------------------------------------------------------------|------------------|-------------------------------------------|
| FCA              | Fiat 9.55550-AV4                                                            | GM               | P/N 19 40 700                             |
| FCA              | Fiat 9.55550-AV5                                                            | GM               | P/N 19 40 767                             |
| FCA              | Fiat 9.55550-AV6                                                            | GM               | P/N 21005966                              |
| FCA              | MB 236.10/12, P/N<br>05127382AA                                             | GM               | P/N 88900925                              |
| FCA              | P/N 05127382                                                                | GM               | P/N 9985010                               |
| FCA              | P/N 68157995AA/AB                                                           | GM               | P/N 9986195                               |
| FCA              | P/N 68333587AA                                                              | GM               | Saturn T-IV Fluid, Saturn P/N<br>22689186 |
| FCA              | SP-4, P/N 68171866AA                                                        | GM               | Type A Suffix A                           |
| FCA              | SP-III                                                                      | GM               | WS, P/N 88863400 /<br>88863401            |
| FCA              | SP-IV, P/N 68171866AA                                                       | GM               | P/N 19352619                              |
| FCA              | SP-IV, P/N 68171869AA                                                       | Honda/Acura      | ATF DW-1 P/N 08200-9008                   |
| FCA              | Type 7176E                                                                  | Honda/Acura      | ATF Type 3.0 P/N 08200-<br>9016-A         |
| FCA              | Type 9602                                                                   | Honda/Acura      | ATF Type 3.1 P/N 08200-9017               |
| Ford             | ESP-M2C138-CJ                                                               | Honda/Acura      | ATF Z1, P/N 08200-9001                    |
| Ford             | ESP-M2C166-H                                                                | Honda/Acura      | ATF Z1, P/N 08200-9001 <sup>a</sup>       |
| <b>Ford</b>      | <b>MERCON® LV License#<br/>MLV190803 (P/N XT-10-<br/>QLV; WSS-M2C938-A)</b> | Hyundai/Kia      | ATF RED-1K                                |
| Ford             | P/N XT-8-QAW [Premium]                                                      | Hyundai/Kia      | ATF SP-IV                                 |
| Ford             | P/N XT-9- QMM5 [FNR5]                                                       | Hyundai/Kia      | Genuine ATF                               |
| Ford             | Spec WSS-M2C922-A1                                                          | Hyundai/Kia      | JWS 3314                                  |
| Ford             | P/N XT-12-QLLV                                                              | Hyundai/Kia      | P/N 00232-19023                           |
| GM               | ATF Z1, Saturn P/N 22717466                                                 | Hyundai/Kia      | P/N 040000C90SG                           |
| GM               | AW-1, P/N 19256039                                                          | Hyundai/Kia      | P/N 04500-00140                           |
| GM               | Dex [GM 6032M]                                                              | Hyundai/Kia      | P/N UM040 CH20 Red-1                      |
| GM               | Dex HP [GMW 16974]                                                          | Hyundai/Kia      | SP                                        |
| GM               | Dex-B [GM 6032M]                                                            | Hyundai/Kia      | SP4-M1                                    |
| GM               | Dex-IIC [6137M]                                                             | Hyundai/Kia      | SPH-IV                                    |
| GM               | Dex-IID [GM 6137M]                                                          | Hyundai/Kia      | SP-II                                     |
| GM               | Dex-IIE [GM 6137M]                                                          | Hyundai/Kia      | SP-III                                    |
| GM               | Dex-IIIF [GM 6297M]                                                         | Hyundai/Kia      | SP-IV                                     |
| GM               | Dex-IIIG [GM 6417M]                                                         | Hyundai/Kia      | SP-IV-RR                                  |
| GM               | Dex-IIIH [GM N10055]                                                        | Hyundai/Kia      | WS, spec NWS-9638                         |
| <b>GM</b>        | <b>DEXRON™ VI [GMW 16444]<br/>License# J-62112</b>                          | Isuzu            | ATF II                                    |
|                  |                                                                             | Isuzu            | ATF III                                   |

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**NATIONAL MERCON® LV/DEXRON™ VI | ATF****Other applications (cont.)<sup>a,b</sup>**

| <b>OEM / ATF</b> | <b>APPLICATION</b>                | <b>OEM / ATF</b> | <b>APPLICATION</b>                            |
|------------------|-----------------------------------|------------------|-----------------------------------------------|
| Isuzu            | ATF WSI                           | Mitsubishi       | Dia Queen ATF-PA, P/N 4030401                 |
| Isuzu            | Genuine ATF                       | Mitsubishi       | Dia Queen AW                                  |
| Isuzu            | P/N 08200-9001                    | Mitsubishi       | DII/DIII                                      |
| Isuzu            | SCS                               | Mitsubishi       | SP, P/N MS991156                              |
| Jaguar           | 02JDE 26444                       | Mitsubishi       | SP-II                                         |
| Mazda            | ATF A7                            | Mitsubishi       | SP-III                                        |
| Mazda            | ATF FZ                            | Mitsubishi       | SP-IV                                         |
| Mazda            | ATF M-5 P/N 0000-23-ATF - M5      | Nissan           | Fluid A                                       |
| Mazda            | ATF N-1                           | Nissan           | Matic D                                       |
| Mazda            | ATF S-1                           | Nissan           | Matic J, P/N 999MP-MTJ00P                     |
| Mazda            | F-1                               | Nissan           | Matic K                                       |
| Mazda            | JWS3317                           | Nissan           | Matic P, P/N 999MP-MTP10P                     |
| Mazda            | M3                                | Nissan           | Matic R, P/N 999MP-MTR00P                     |
| Mazda            | Type T-IV, JWS 3309 ATF           | Nissan           | Matic S , P/N 999MP-MTS00P                    |
| Mercedes         | A 0019892203                      | Nissan           | Matic W                                       |
| Mercedes         | ATF 3403-M115                     | Nissan           | N402                                          |
| Mercedes         | Sheet 236.1                       | Peugeot          | P/N Z 000169756                               |
| Mercedes         | Sheet 236.10                      | Peugeot          | PSA 16 350 560 80                             |
| Mercedes         | Sheet 236.11                      | Porsche          | JWS 3309, P/N 000 043 205 28                  |
| Mercedes         | Sheet 236.12                      | Porsche          | LT 71141                                      |
| Mercedes         | Sheet 236.14                      | Porsche          | P/N 000 043 204 41                            |
| Mercedes         | Sheet 236.15                      | Porsche          | P/N 000 043 204 63                            |
| Mercedes         | Sheet 236.16                      | Porsche          | P/N 000 043 304 00/01                         |
| Mercedes         | Sheet 236.17                      | Porsche          | P/N 000 043 305 42                            |
| Mercedes         | Sheet 236.2                       | Porsche          | P/N 000 043 305 43                            |
| Mercedes         | Sheet 236.41                      | Porsche          | P/N 000 043 305 54                            |
| Mercedes         | Sheet 236.5                       | Porsche          | P/N 000 043 306 24                            |
| Mini             | ATF JWS 3309, P/N 83 22 0 402 413 | Porsche          | P/N 958 300 540 00                            |
| Mitsubishi       | ATF-J2                            | Porsche          | P/N 958 300 901 00                            |
| Mitsubishi       | ATF-J3                            | Porsche          | P/N 999 917 547 00 (A2) or P/N 000 043 205 09 |
| Mitsubishi       | Dia Queen ATF-MA1, P/N MZ320775   |                  |                                               |

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**NATIONAL MERCON® LV/DEXRON™ VI | ATF****Other applications (cont.)** <sup>a,b</sup>

| <b>OEM / ATF</b> | <b>APPLICATION</b>                       | <b>OEM / ATF</b> | <b>APPLICATION</b>                     |
|------------------|------------------------------------------|------------------|----------------------------------------|
| PSA              | AL4 / 4HP20, P/N 9730AE                  | Volvo            | P/N 1161640; P/N 1161540               |
| PSA              | B71 2340                                 | Volvo            | P/N 31 256 774, 31 256 775             |
| Renault          | DP-0                                     | Volvo            | P/N 31 492 172, 31 492 173             |
| Renault          | Matic D2                                 | VW/Audi          | G 052 162 (-A1, -A2) [AG4]             |
| Renault          | SATF-D                                   | VW/Audi          | G 052 533                              |
| Rolls Royce      | Oil No. PL 31493PA                       | VW/Audi          | G 052 990 A2                           |
| Saab             | ATF HP                                   | VW/Audi          | G 053 001 A2                           |
| Saab             | JWS 3309                                 | VW/Audi          | G 055 005 A2                           |
| Saab             | P/N 93 160 393                           | VW/Audi          | G 055 025 (-A2)                        |
| Saab             | P/N 93 165 147                           | VW/Audi          | G 055 162 A2 or A6                     |
| Saturn           | Dex-III G                                | VW/Audi          | G 055 540 A2                           |
| Saturn           | T-IV Fluid, P/N 22689186                 | VW/Audi          | G 060 162 A2                           |
| Ssangyong        | DSIH 5M-52                               | VW/Audi          | G 060 540 A2                           |
| Ssangyong        | DSIH 5M-66                               | VW/Audi          | G US 000 162                           |
| Subaru           | ATF HP, P/N K0140Y0700,<br>P/N SOA635040 | VW/Audi          | LT 71141                               |
| Subaru           | ATF-WS                                   | ZF               | LifeguardFluid 5 (ZF No. S671 090 170) |
| Suzuki           | ATF 2326                                 | ZF               | LifeguardFluid 6 (ZF No. S671 090 255) |
| Suzuki           | ATF 2384K                                | ZF               | LifeguardFluid 8 (ZF No. S671 090 312) |
| Suzuki           | ATF 3314                                 | ZF               | LifeguardFluid 9 (ZF No. AA01.500.001) |
| Suzuki           | ATF 3317                                 | ZF               | TE-ML 11A                              |
| Suzuki           | ATF 5D06                                 | ZF               | TE-ML 11B                              |
| Suzuki           | Matic D                                  |                  |                                        |
| Suzuki           | Matic J                                  |                  |                                        |
| Suzuki           | Matic S                                  |                  |                                        |
| Toyota           | ATF FZ                                   |                  |                                        |
| Toyota           | JWS 3309, Type T-IV, P/N 08886-81015     |                  |                                        |
| Toyota           | JWS 3324, ATF WS (or NWS9638)            |                  |                                        |
| Toyota           | Type D-II                                |                  |                                        |
| Toyota           | Type T                                   |                  |                                        |
| Toyota           | Type T-II                                |                  |                                        |
| Toyota           | Type T-III                               |                  |                                        |
| Volvo            | P/N 1161521                              |                  |                                        |
| Volvo            | P/N 1161621                              |                  |                                        |

- As ATF specifications have diverse viscometric requirements, not all properties may be met with multi-vehicle products, but there's field data showing no harm in any of these applications; therefore, we recommend its use for vehicles out of warranty.
- Consult your owner's manual regarding its suitability as ATF in imported vehicles.
- Do not use in ATF applications where CVT fluids or Ford ATF type F is required. Do not use in Honda power steering fluid systems

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