



PENTOSIN TECHNICAL FLUID GUIDE



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ANTIFREEZE

BRAKE FLUID

HYDRAULIC
FLUID

MOTOR OIL

TRANSMISSION
FLUID



ANTIFREEZE

Nitrite and amine-free modern engine coolants. Specifically adapted for use in alloy engines and formulated for year-round use.



PENTOFROST A1

50/50 H-OAT Extended Life PRE-DILUTED Antifreeze w/ Phosphates

3.79 liters / 1 US gallon **Part# 8115213**
(US/Mexico only)

3.79 liters / 1 US gallon **Part# 8115214**
(Canada only)

Color: Red

PREDILUTED antifreeze for water-cooled engines in Asian vehicle applications. Contains phosphates and organic salts to protect all materials used in Asian vehicle cooling systems. Mixable with all phosphate OATs. Meets ASTM D-3306.

MADE IN USA
ENGINEERED IN JAPAN

APPLICATED FOR

- Lexus (1990-2004)
- Scion (2004+)
- Toyota (1985-2004)



ANTIFREEZE

Nitrite and amine-free modern engine coolants. Specifically adapted for use in alloy engines and formulated for year-round use.



PENTOFROST A3

50/50 H-OAT Extended Life PRE-DILUTED Antifreeze w/ Phosphates

3.79 liters / 1 US gallon **Part# 8115207**
(US/Mexico only)

3.79 liters / 1 US gallon **Part# 8115208**
(Canada only)

Color: Blue

PREDILUTED antifreeze for water-cooled engines in Asian vehicle applications. Contains phosphates and organic salts to protect all materials used in Asian vehicle cooling systems. Mixable with all phosphate OATs. Meets ASTM D-3306.

MADE IN USA
ENGINEERED IN JAPAN

APPLICATED FOR

- Acura (1990+)
- Honda (1990+)
- Infiniti (2009+)
- Mazda (2006+)
- Mitsubishi Raider (2006+)
- Mitsubishi Lancer, Mirage, Outlander, Ranger, RVR (2011+)
- Scion FR-S (2013+)
- Subaru (2009+)
- Toyota 86 (2017-2020)
- Toyota Yaris (2019+)
- Suzuki (1995-2008)



PENTOFROST A2

50/50 H-OAT Extended Life PRE-DILUTED Antifreeze w/ Phosphates

3.79 liters / 1 US gallon **Part# 8115215**
(US/Mexico only)

3.79 liters / 1 US gallon **Part# 8115216**
(Canada only)

Color: Green

PREDILUTED antifreeze for water-cooled engines in Asian vehicle applications. Contains phosphates and organic salts to protect all materials used in Asian vehicle cooling systems. Mixable with all phosphate OATs. Meets ASTM D-3306.

MADE IN USA
ENGINEERED IN JAPAN

APPLICATED FOR

- Genesis (2017+)
- Hyundai (1990+)
- Mitsubishi Lancer, Mirage, Outlander, Ranger, RVR (Up to 2011)
- Infiniti (1990-2008)
- Kia (1990+)
- Mazda (1990+, ex. 2006)
- Mitsubishi (1990+)
- Nissan (1990-2008)
- Subaru (1990-2008)
- Suzuki (1995-2008)



PENTOFROST A4

50/50 H-OAT Extended Life PRE-DILUTED Antifreeze w/ Phosphates

3.79 liters / 1 US gallon **Part# 8115209**
(US/Mexico only)

3.79 liters / 1 US gallon **Part# 8115210**
(Canada only)

Color: Pink

PREDILUTED antifreeze for water-cooled engines in Asian vehicle applications. Contains phosphates and organic salts to protect all materials used in Asian vehicle cooling systems. Mixable with all phosphate OATs. Meets ASTM D-3306.

MADE IN USA
ENGINEERED IN JAPAN

APPLICATED FOR

- Lexus (2005+)
- Toyota (2005+)
- Scion (2005+)
- Scion FR-S (2013+)



ANTIFREEZE

Nitrite and amine-free modern engine coolants. Specifically adapted for use in alloy engines and formulated for year-round use.

PENTOFROST E

H-OAT Antifreeze CONCENTRATE w/ Silicates (G13) *Must add water*

1.5 liters / 1.59 US quarts
(US/Mexico only)

Part# 8113106

1.5 liters / 1.59 US quarts
(Canada only)

Part# 8114106

5 liters / 1.32 US gallons
(US/Mexico only)

Part# 8113206

5 liters / 1.32 US gallons
(Canada only)

Part# 8114206

Color: Violet

Environmentally friendly antifreeze CONCENTRATE for multipurpose applications in water-cooled engines. This coolant provides exceptional performance while utilizing an environmentally friendly manufacturing process — now using glycerin in addition to our glycol base. Does not contain any nitrites, amines, or phosphorous containing additives. Protects all material used in cooling systems and is recommended for non-ferrous metals and year-round use. Pentofrost E can be used where the VW G11, G12, G12+, G12++, G13, and MB G40 are required. Meets ASTM D-3306.

MADE IN GERMANY

APPLICATED FOR

- Audi (2006+) Spec. TL 774 G
- Bentley
- Freightliner Sprinter (2019+)
- Lamborghini (2014+)
- Mercedes-Benz G40 (2019+)
- Porsche (2006+)
- Volkswagen (2006+)
- Smart (2016-2018) Spec. TL 774 G

Applies to all Audi / Volkswagen



ANTIFREEZE

Nitrite and amine-free modern engine coolants. Specifically adapted for use in alloy engines and formulated for year-round use.

PENTOFROST SF



H-OAT Antifreeze CONCENTRATE w/o Silicates (G12, G12+)

1.5 liters / 1.59 US quarts
(US/Mexico only)

Part# 8114107

1.5 liters / 1.59 US quarts
(Canada only)

Part# 8114127

Color: Pink & Clear

Environmentally friendly antifreeze CONCENTRATE for multipurpose applications in water-cooled engines. Free from nitrites, amines, phosphorous additives, or silicates. Recommended for non-ferrous metals and year-round use. Meets ASTM D-3306.

MADE IN GERMANY

APPLICATED FOR

- Audi (6/1996-2005) Spec. TL 744 F
- Infiniti QX30 (2017-2019)
- Jaguar (1997+)
- Land Rover Range Rover (2006+)
- Land Rover Freelander, Discovery, Models (1993+)
- Porsche Boxster, 911, Defender (1998+)
- Saab (2001+)
- Volkswagen (6/1996-2005) Spec. TL 744 F
- Cayenne (1996-2005)



PENTOFROST NF

Antifreeze CONCENTRATE w/ Silicates (G11)

1.5 liters / 1.59 US quarts
(US/Mexico only)

Part# 8114117

1.5 liters / 1.59 US quarts
(Canada only)

Part# 8114137

Color: Blue

Environmentally friendly antifreeze CONCENTRATE for multipurpose applications in water-cooled engines. Free from nitrites, amines, and phosphorous additives. Recommended for non-ferrous metals and year-round use. Meets ASTM D-3306.

MADE IN GERMANY

APPLICATED FOR

- Audi (Up to 6/1996)
- BMW/MINI (Up to 2018)
- Dodge Sprinter (2003-2009)
- Jaguar (Up to 1997)
- Land Rover/Range Rover (1990-2005)
- Mercedes-Benz/Sprinter (All Years)
- Porsche 924, 928, 244, 968 (All Years)
- Rolls-Royce (1996-2016)
- Volkswagen (Up to 6/1996)
- Saab (Up to 2000)
- Volvo (All Years)
- Smart (2008-2015)
- Tesla (2008+)



BRAKE FLUID

Exceeds DOT standards, delivering a more versatile brake fluid. Used by leading automotive manufacturers as first-fill, as well as refill. Especially suited for use in vehicles with ABS.



PENTOSIN SUPER DOT 4

Corrosion Resistant Universal Brake Fluid

- 500ml / 0.53 US quarts **Part# 1204114**
- 1 liter / 1.06 US quarts **Part# 1204116**
- 5 liters / 1.32 US gallons **Part# 1204204**

Color: Amber

Superior quality for universal use in modern brake systems and ideal for vehicles with ABS systems. Pentosin Super DOT 4 offers safety against vapor lock; it has excellent resistance to absorbing and retaining water and provides superior corrosion resistance.

MADE IN GERMANY

APPLICATED FOR

- Audi (Up to 2005)
- BMW (Up to 6/2006)
- Dodge Sprinter (2003-2009)
- Freightliner Sprinter (2002-2017)
- Jaguar (1993-2002)
- Porsche (All years)
- Land Rover (1987-2006)
- Mercedes-Benz (All years)
- Volkswagen (Up to 2005)
- Smart (2005-2017)
- Volvo (1990-2017)



PENTOSIN DOT 4 LV

Low Viscosity/Cold Conditions Brake Fluid

- 250ml / 0.26 US quarts **Part# 1224112**
- 1 liter / 1.06 US quarts **Part# 1224116**
- 5 liters / 1.32 US gallons **Part# 1224204**

Color: Amber

Designed for highest DOT 4 performance levels and extremely low viscosity at cold temperatures. Offers excellent resistance to absorbing and retaining water and provides superior corrosion resistance. Ideal for all modern vehicles with ESP and ABS and can be used in all vehicles that require DOT 4 fluid.

MADE IN GERMANY

APPLICATED FOR

- Audi (2006+)
- BMW (7/2006+)
- Ford (2013+)
- Jaguar (2003+)
- Land Rover / Range Rover (2007+)
- Land Rover LR2, LR3, LR4 (All years)
- Lincoln (2013+)
- MINI (All years)
- Porsche (2017+)
- Range Rover Evoque, Sport (All years)
- Saab (All years)
- Volkswagen (2006+)
- Volvo (2017+)



HYDRAULIC FLUID

All-purpose high-performance hydraulic fluids formulated for central hydraulic systems such as power steering, rear axle steering, level control, hydro-pneumatic suspension, and shock absorbers.

PENTOSIN CHF 11S

Synthetic Oil-Based Hydraulic Fluid

- 1 liter / 1.06 US quarts **Part# 1405116**
- 5 liters / 1.32 US gallons **Part# 1405216**
- 20 liters / 5.28 US gallons **Part# 1405208**

Color: Dark Green

Synthetic high performance hydraulic fluid for lifetime application in modern vehicle aggregates. Specially designed for hydraulics in the automotive industry with the highest technical requirements: power steering, level control, shock absorber, hydro-pneumatic suspension, stability and traction control, hydraulics for convertible tops, central lock systems, etc. Suitable for all extreme conditions and guarantees full performance from -40°C to over 130°C system temperature.

MADE IN GERMANY

APPLICATED FOR

- Audi (1990-2005)
- BMW (1990-2019)
- Chrysler Crossfire (2004-08)
- Dodge (2011-2015)
- Jaguar (1997-2011)
- Jeep (2011-2015)
- Land Rover Discovery (2015)
- Mercedes-Benz (Various)
- MINI Cooper (2002-2008)
- Porsche (1990-2005)
- Range Rover Evoque (2014-2015)
- RAM Promaster (2014+)
- Rolls-Royce (2004-2020)
- Volkswagen (1990-2005)
- Volvo (3/1998-2002)



HYDRAULIC FLUID

All-purpose high-performance hydraulic fluids formulated for central hydraulic systems such as power steering, rear axle steering, level control, hydro-pneumatic suspension, and shock absorbers.



PENTOSIN CHF 202

Synthetic Oil-Based Hydraulic Fluid

1 liter / 1.06 US quarts **Part# 8403107**

Color: Dark Green

Synthetic high performance hydraulic fluid for lifetime application in modern vehicle aggregates. Specially designed for hydraulics in the automotive industry with the highest technical requirements: power steering, clutch hydraulic, electro-hydraulic mechanisms of convertible tops, etc. Suitable for all extreme ambient temperatures and guarantees full performance from -40°C to 130°C system temperature.

MADE IN GERMANY

APPLICATED FOR

- Audi (2006+)
- Hyundai Genesis/ Equus (2009-2016)
- Jaguar (2013-2017)
- Kia K900 (2015-2017)
- Porsche 911 (2012-2019), Cayenne (2016-2019), Panamera (2010-2016)
- Saab (2006+)
- Volkswagen (2006+)
- Land Rover LR2 (2008-2015)
- Volvo (2002+)



PENTOSIN EHF

Synthetic Oil-Based Hydraulic Fluid

1 liter / 1.06 US quarts **Part# 1405115**

Color: Dark Green

High performance hydraulic power steering fluid for lifetime application in modern vehicle aggregates. Suitable for all extreme conditions and guarantees full performance from -40°C to over 130°C system temperature. Can be used in all models listed for CHF 11S and CHF 202 as a "recommended for" alternative to the OEM formulations. Not a replacement for the customer who only wants the OEM formulation.

MADE IN GERMANY

APPLICATED FOR

- Audi (1990+)
- BMW (1990-2019)
- Chrysler Crossfire (2004-08)
- Dodge (2011-2015)
- Hyundai Genesis/ Equus (2009-2016)
- Jeep (2011-2015)
- Kia K900 (2015-2017)
- Land Rover Discovery (2015), LR2 (2008-2015)
- Mercedes-Benz
- MINI Cooper (2002-2008)
- Range Rover Evoque (2014-2015)
- RAM Promaster (2014+)
- Porsche (1990-2005), 911 (2012-2019), Cayenne (2016-2019), Panamera (2010-2016)
- Saab (2006+)
- Volkswagen (1990+)
- Volvo (3/1998+)
- Rolls-Royce (2004-2020)

MOTOR OIL

Synthetic high-performance motor oils offering optimum performance, efficiency, and fuel economy even under the most severe driving conditions.



PENTO HP 5W-30

Fully Synthetic Fuel Economy Engine Oil

1 liter / 1.06 US quarts **Part# 8043107**

5 liters / 1.32 US gallons **Part# 8043206**

20 liters / 5.28 US gallons **Part# 8043208**

Color: Amber & Clear

Specifications Met: API SL, ACEA A3/B4

Developed for the most recent vehicles with extended oil service intervals. Can be used in all gasoline and diesel engines containing turbochargers as well as non-turbocharged vehicles requiring 5W-30.

MADE IN GERMANY

APPLICATED FOR

- Audi 502.00/505.00¹
- BMW LL-01¹
- Chrysler MS-10725¹
- Dodge/Freightliner Sprinter MB229.5¹
- Jaguar (1997-09)²
- Land Rover (All years)²
- Mercedes-Benz MB229.5¹
- MINI LL-01¹
- Saab (1992-2005)²
- SMART MB229.5¹
- Volkswagen
- Volvo (1992-2012)²
- 502.00/505.00¹



PENTO HP II 5W-40

Fully Synthetic Four-Season Engine Oil

1 liter / 1.06 US quarts **Part# 8042107**

5 liters / 1.32 US gallons **Part# 8042206**

20 liters / 5.28 US gallons **Part# 8042208**

Color: Amber & Clear

Specifications Met: API SN, ACEA C2/C3

Fully synthetic, high performance engine oil designed to be used in vehicles for all year use. Allows for longer changing intervals, and it preserves the catalyst, the environment, and maintains outstanding engine performance.

MADE IN GERMANY

APPLICATED FOR

- Audi 505.00/505.01/511.0¹
- BMW LL-04¹
- Chrysler MS-10725¹
- Dodge/Freightliner Sprinter MB229.51/.52/.31¹
- Ford WSS-M2C917-A¹
- Land Rover (All years)³
- Jaguar (All years)³
- Saab (All years)³
- Mercedes-Benz MB229.51¹
- Porsche A40/C40¹
- Volkswagen
- Volvo (All years)³
- 505.00/505.01/511.0¹

¹ Applies to models of make indicated where specified motor oil approval is required.

² Applies to all models of make indicated where 5W-30 is required.

³ Applies to all models of make indicated where 5W-40 is required.

MOTOR OIL

Synthetic high-performance motor oils offering optimum performance, efficiency, and fuel economy even under the most severe driving conditions.



PENTO SP III 5W-30

Fully Synthetic Extended Life Engine Oil

1 liter / 1.06 US quarts **Part# 8078106**

5 liters / 1.32 US gallons **Part# 8078206**

Color: Amber & Clear

Specifications Met: API SN, ACEA C3

High performance engine oil providing extended oil drain intervals in modern engines. Uses state-of-the-art additive technology and synthetic base oils to blend a "low SAPS" oil in a way that preserves the catalyst and environment while maintaining outstanding engine performance.

MADE IN GERMANY

APPLICATED FOR

- | | | |
|---|----------------------------------|---|
| • Audi 504.00/507.00 ¹ | • BMW LL-04 ¹ | • Ford WSS-M2C917-A ¹ |
| • Dodge/Freightliner Sprinter MB229.51/.52 ¹ | • Fiat 9.55535-S3 ¹ | • Land Rover (1993-2012) ² |
| • Mercedes-Benz MB229.51/.52 ¹ | • MINI LL-04 ¹ | • Saab (All years) ² |
| • SMART MB229.51/.52 ¹ | • Volvo (1994-2012) ² | • Volkswagen 504.00/507.00 ¹ |



PENTOSPEED SP 5W-40

Fully Synthetic Extended Life Engine Oil

1 liter / 1.06 US quarts **Part# 8044107**

5 liters / 1.32 US gallons **Part# 8044206**

Color: Amber

Specifications Met: API CF, ACEA A3/A4

Super performance engine oil providing outstanding fuel economy and reduced emissions. Offers excellent cold starting behavior, extremely fast oil circulation, and high thermal stability. Thermal stable, reduces wear, and can be used for extended drain intervals.

MADE IN GERMANY

APPLICATED FOR

- | | | |
|--|------------------------------|--|
| • Audi 502.00/505.00 ¹ | • BMW LL-01 ¹ | • Dodge/Freightliner Sprinter MB226.5/MB229.5 ¹ |
| • Mercedes-Benz MB226.5/MB229.5 ¹ | • MINI LL-01 ¹ | • Porsche A40 ¹ |
| • Saab (1992-05) ³ | • SMART MB229.5 ¹ | • Volkswagen 502.00/505.00 ¹ |

MOTOR OIL

Synthetic high-performance motor oils offering optimum performance, efficiency, and fuel economy even under the most severe driving conditions.

PENTO HP II+ 5W-30

Fully Synthetic Four-Season Engine Oil

1 liter / 1.06 US quarts

Part# 8044218

5 liters / 1.32 US gallons

Part# 8044220

Color: Amber

Specifications Met: API SP, ACEA C2/C3

Premium, fully synthetic engine oil for passenger cars and vans. With the combination of ACEA C2 and C3 and corresponding approvals, Pento HP II+ 5W-30 offers a wide range of applications with harmonization potential of several European and Asian manufacturers.

Advantageous for modern down-sizing engines and engines with start-stop-systems as well as exhaust gas after-treatment systems such as catalysts or particulate filters. Universally applicable motor oil for diesel, petrol, and gas engines of many manufacturers. Up to 1.6% additional reduction in fuel consumption compared to oils of the same viscosity class. Excellent aging resistance.

MADE IN GERMANY

APPLICATED FOR

- | | | |
|---|--|---|
| • Audi 505.00/505.01 ¹ | • BMW LL-04 ¹ | • Chrysler MS-11106 ¹ |
| • Dodge/Freightliner Sprinter MB229.51/.52/.31 ¹ | • GM GM-LL-A-025/GM-LL-GB-025 ¹ | • GMC (2016-2021) ² |
| • RAM Promaster (2014-2018) ² | • Jeep Grand Cherokee (2007-2009) ² | • Mercedes-Benz MB229.51/.52/.31 ¹ |
| • SMART MB229.51 ¹ | • Volkswagen 505.00/505.01 | • Saab (All years) ² |
| | | • Volvo (1994-2012) ² |



¹ Applies to models of make indicated where specified motor oil approval is required.

² Applies to all models of make indicated where 5W-30 is required.

³ Applies to all models of make indicated where 5W-40 is required.

¹ Applies to models of make indicated where specified motor oil approval is required.

² Applies to all models of make indicated where 5W-30 is required.

MOTOR OIL

Synthetic high-performance motor oils offering optimum performance, efficiency, and fuel economy even under the most severe driving conditions.



PENTOSPEED VCC 0W-20

Fully Synthetic Fuel Economy Engine Oil

1 liter / 1.06 US quarts **Part# 8044313**
 5 liters / 1.32 US gallons **Part# 8044315**

Color: Brown

Specifications Met: ACEA A5/B5, Volvo Appr. VCC RBS0-2AE

Innovatively formulated low viscosity motor oil designed specifically for use with the new Volvo VEA engine generation of gasoline and diesel engines. Unique formulation offers superior wear protection and performance reserves. Excellent in cold start conditions and boasts reduced CO2 emissions and lower fuel consumption. The significant improvements in fuel economy and CO2 emissions were achieved by lowering the dynamic viscosity and utilizing new additive technology.

APPLICATED FOR

MADE IN GERMANY

- Volvo 4 Cyl. 2.0L 502.00/505.00



PENTOSPEED FE+ 0W-20

Premium Performance Engine Oil

1 liter / 1.06 US quarts **Part# 8044317**
 5 liters / 1.32 US gallons **Part# 8044319**

Color: Amber

Specifications Met: API SP RC, ACEA C5/C6, ILSAC GF-6A

Uniquely formulated using XTL technology (Xtreme Temperature Lubrication) with state-of-the-art additive technology. XLT-Technology allows improved aging stability in high-speed driving and high outside temperature environments. Reduced fuel consumption (up to 3.6%) and less CO2 emissions. Protects against Low-Speed Pre-Ignition (LSPI) and offers outstanding wear protection in all operating conditions.

APPLICATED FOR

MADE IN GERMANY

- | | | |
|---|---|--|
| • BMW LL-17 FE+ ¹ | • Buick (2018+) ² | • Cadillac (2019+) ² |
| • Chevrolet (2019+) ² | • Chrysler Pacifica (2018-2019) MS-12145 ¹ | • Fiat 9.55535-GSX ¹ |
| • Ford/Lincoln WSS-M2C947-A ¹ | • GMC (2018+) ² | • GM (2018+) ² |
| • Mercedes-Benz MB229.71/.72 ¹ | • Infiniti Q50 (2019) | • Jaguar/Land Rover STJLR.03.5006 ¹ |
| | • MINI LL-17 FE+ ¹ | • Toyota GR Supra (2020+) |

¹ Applies to models of make indicated where specified motor oil approval is required.

² Applies to all models of make indicated where Dexos 1 Gen 2 0W-20 is required.

TRANSMISSION FLUID

Synthetic oil-based all-purpose high-performance transmission fluid for use in today's automatic and manual transmissions.



PENTOSIN ATF 5

Long-Life Fully Synthetic ATF

1 liter / 1.06 US quarts **Part# 1058108**
 5 liters / 1.32 US gallons **Part# 1058208**
 20 liters / 5.28 US gallons **Part# 1058308**

Color: Amber & Clear

Fully synthetic high performance automatic transmission fluid for life-time application in automatic gear boxes. Formulated by means of the best commercially available synthetic base oils and additive components. High performance shear stable VI-Improver plus modern anti-wear chemistry and friction modifiers guarantee sound stable friction performance in modern automatic transmissions equipped with an electronically controlled converter clutch.

MADE IN GERMANY

APPLICATED FOR

- | | | |
|---|---|--|
| • Aston Martin (2000-2004) ¹ | • Audi (1988-2006) ¹ | • BMW (1992-2006) ¹ |
| • Jaguar (1995-2003) ¹ | • Land Rover/Range (1990-1996) | • Mercedes-Benz ML350 (1990-1991) |
| • Peugeot 405/505 (1990-1991) | • Rover (2003-2005) ¹ | • Porsche (1990-2003) ¹ (2003-2005) ¹ , V-Class (1996-2003) ² |
| • Volkswagen (1990-2006) G052162A2 ¹ | • Rolls-Royce Silver Seraph (1999-2002) | |



PENTOSIN ATF 6

Long-Life Fully Synthetic ATF

1 liter / 1.06 US quarts **Part# 1058106**
 5 liters / 1.32 US gallons **Part# 1058207**
 20 liters / 5.28 US gallons **Part# 1058306**

Color: Amber & Clear

Specially developed with reduced viscosity to optimize the performance of specified 6-speed ZF automatic transmissions. Developed to deliver good friction control, excellent durability and oxidation control which ensures long oil life with proven performance.

MADE IN GERMANY

APPLICATED FOR

- | | | |
|---------------------------------------|---|---|
| • Alfa Romeo (2000-2004) ³ | • Aston Martin (2000-2004) ³ | • Audi AQ (2004-2007), S6 (2007-2011), S8 (2007-2009) G055005A2 |
| • BMW (2002-2015) ³ | • Jaguar (2003-2015) ³ | • Porsche (1990-2008) ³ (2004-2012) G052162A2 ³ |
| • Land Rover (2005-2013) ³ | • Maserati (2007-2019) ³ | |
| • Rolls-Royce Phantom (2004-2012) | • Volkswagen (1990-2006) | |

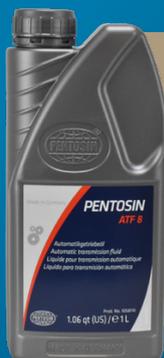
¹ Applies to ZF5HP models of make indicated.

² Applies to ZF4HP models of make indicated.

³ Applies to ZF6HP models of make indicated.

TRANSMISSION FLUID

Synthetic oil-based all-purpose high-performance transmission fluid for use in today's automatic and manual transmissions.



PENTOSIN ATF 8

Long-Life Fully Synthetic ATF

1 liter / 1.06 US quarts **Part# 1058110**
 5 liters / 1.32 US gallons **Part# 1058210**

Color: Green

Specially developed with reduced viscosity to optimize the performance of specified 6 and 8-speed ZF automatic transmissions. Developed to be suitable for use with a range of automatic transmissions and delivers improved friction control, strong anti-shudder performance along with excellent oxidation performance and wear protection.

MADE IN GERMANY

APPLICATED FOR

- Alfa Romeo (2017+)¹
- Aston Martin (2015+)¹
- Audi (2005+)¹
- Bentley (2013+)¹
- BMW (2010+)¹
- Chrysler 200/300/
Pacifica (2012+)¹
- Dodge Challenger/
Charger/Durango (2012+)¹
- Maserati (2014+)¹
- Jeep (2014+)¹
- Land Rover (2013+)¹
- Promaster (2015+)¹
- RAM 1500 (2013+)¹
- Rolls-Royce (2010+)¹
- Toyota GR Supra (2020+)
- Volkswagen Phaeton (2004-2006)¹



PENTOSIN ATF 9

Long-Life Fully Synthetic ATF

1 liter / 1.06 US quarts **Part# 1058111**
 5 liters / 1.32 US gallons **Part# 1058211**

Color: Green

Specially developed with reduced viscosity to optimize the performance of latest generation 8 and 9-speed ZF automatic transmissions. Developed to deliver outstanding friction control to ensure excellent shifting performance. Provides ultimate wear protection and anti-shudder performance.

MADE IN GERMANY

APPLICATED FOR

- Acura MDX/TLX (2016+)²
- Honda Odyssey/
Passport/Pilot (2016+)²
- Jaguar E-Pace (2018+)²

TRANSMISSION FLUID

Synthetic oil-based all-purpose high-performance transmission fluid for use in today's automatic and manual transmissions.



PENTOSIN ATF 44

Long-Life Fully Synthetic ATF

1 liter / 1.06 US quarts **Part# 1058112**
 5 liters / 1.32 US gallons **Part# 1058212**

Color: Red & Clear

Mainly designated for use in Aisin AW automatic transmissions used in a large number of Asian passenger cars and light duty vehicles. Can also be used in select American and European models. Due to its outstanding properties, it can be used in many aggregates of Asian origin or where DEXRON III-type fluids are demanded. Mixable and compatible with conventional branded gear oils.

MADE IN GERMANY

APPLICATED FOR

- DEXRON III
- GM 9986195
- Nissan MATIC C/D/J
- BMW MINI 83 22 0 402 413
- Honda ATF Z-I
- Saab 3309
- BMW MINI 83 22 7 542 290
- Hyundai SP III
- Subaru ATF Oil/ATF Oil
- Chrysler MS7176E/9602
- ISUZU BESCO ATF -II/-III Special/ATF HP
- (ATF +3/+4)
- JATCO 3100 PL085/FWD
- Suzuki ATF 3309/3317
- Daihatsu Alumix ATF Multi (N402)/JF506E (K17)
- Toyota Type
- Fiat 9.55550-AV1/AV4
- JWS 3309/Type T-IV
- D-2/T/T-II/T-III/T-IV
- Ford MERCON V
- Mazda ATF D-III/ATF M-3
- Volkswagen
- Ford M2C924-A/M2C922-A1
- Mitsubishi SP-II/-III
- G 052 990/055 025



PENTOSIN ATF 64

Long-Life Fully Synthetic ATF

1 liter / 1.06 US quarts **Part# 1058113**
 5 liters / 1.32 US gallons **Part# 1058215**

Color: Dark Red

Mainly designated for use in Aisin AW automatic transmissions used in a large number of Asian passenger cars and light duty vehicles. Can also be used in select American and European models. Due to its outstanding properties, ATF 64 can be used in many aggregates of Asian origin or where DEXRON VI and MERCON LV type fluids are demanded. Mixable and compatible with conventional branded gear oils.

MADE IN GERMANY

APPLICATED FOR

- Aisin Warner/AW-1
- DEXRON VI
- Kia SP-IV
- BMW 81 22 9 400 272/81 22 9 400 275
- Fiat 9.55550-AV2/-AV6
- Mitsubishi ATF-J3/ATF-PA/MA1
- 81 22 9 407 738/83 22 0 397 114
- Ford MERCON LV
- Nissan MATIC S
- 83 22 0 403 248/83 22 0 403 249
- GM 9256039/88863400
- Toyota Type WS
- 83 22 0 432 807/83 22 2 163 514
- Honda DW-1
- Volkswagen
- 83 22 2 167 718/83 22 2 167 720
- Hyundai NWS 9638/
- SP-IV/SP-IV M/SP-IV RR
- G 055 540 A2
- 83 22 2 355 599/83 22 2 355 601
- JWS 3324
- ZF TE-ML 09
- 83 22 9 407 858/83 22 9 407 859

¹ Applies to ZF8HP models of make indicated.
² Applies to ZF9HP models of make indicated.

TRANSMISSION FLUID

Synthetic oil-based all-purpose high-performance transmission fluid for use in today's automatic and manual transmissions.



PENTOSIN ATF 134

Ultra High-Performance ATF

1 liter / 1.06 US quarts	Part# 1088117
5 liters / 1.32 US gallons	Part# 1088216
20 liters / 5.28 US gallons	Part# 1088316

Color: Red

Ultra high-performance automatic transmission fluid developed to improve shifting comfort for the new generation of Mercedes-Benz 5-Speed 722.6 & 7-Speed 722.9 automatic transmissions. Backward compatible to products fulfilling the requirements of MB-Approval 236.12. Offers excellent low temperature properties, outstanding fuel-efficiency potential, and increased friction stability.

MADE IN GERMANY

APPLICATED FOR

- Mercedes-Benz 7-speed (Up to 2010) Spec. MB236.14

TRANSMISSION FLUID

Synthetic oil-based all-purpose high-performance transmission fluid for use in today's automatic and manual transmissions.



PENTOSIN ATF 134 FE PLUS

Premium Performance, Low Viscosity ATF

1 liter / 1.06 US quarts	Part# 1090117
5 liters / 1.32 US gallons	Part# 1090216

Color: Amber & Clear

Premium Performance ATF with reduced viscosity, especially developed to further optimize fuel-economy and gearbox efficiency of latest generation Mercedes-Benz 9-speed automatic transmissions. Not downwards compatible with previous MB-ATF-Specifications.

MADE IN GERMANY

APPLICATED FOR

- Mercedes-Benz 9-speed (2017+) Spec. MB236.17



PENTOSIN ATF 134 FE

Premium Performance, Low Viscosity ATF

1 liter / 1.06 US quarts	Part# 1089117
5 liters / 1.32 US gallons	Part# 1089216

Color: Blue

Developed to further optimize gearbox efficiency of the latest generation Mercedes-Benz 7-G Tronic Plus (NAG II+) automatic transmissions. Advanced OEM Approved fluid with the lowest viscosity ATF available in the world, providing impressive fuel economy potential and low temperature performance. NOT downwards compatible with previous MB-ATF specifications.

MADE IN GERMANY

APPLICATED FOR

- Mercedes-Benz 7-speed (2010+) Spec. MB236.15



PENTOSIN FFL-2

Fully Synthetic Double Clutch (DSG) Transmission Fluid

1 liter / 1.06 US quarts	Part# 1038107
5 liters / 1.32 US gallons	Part# 8038207
20 liters / 5.28 US gallons	Part# 1038208

Color: Amber & Clear

The only approved first fill and service fill transmission fluid for the new generation of AVW double clutch gear transmissions (DSG). Founded on a fully synthetic base oil technology for safe operation at even the highest thermal load. Features a special clutch friction performance which makes it mandatory to be applied solely to the double clutch gear box — do not mix with any other gear oils.

MADE IN GERMANY

APPLICATED FOR

- Audi DSG Trans. (2004+) Spec. T1521.82/G052182A2
- Volkswagen DSG Trans. (2004+) Spec. T1521.82/G052182A2

TRANSMISSION FLUID

Synthetic oil-based all-purpose high-performance transmission fluid for use in today's automatic and manual transmissions.



PENTOSIN FFL-3

Fully Synthetic Double Clutch (PDK) Transmission Fluid

1 liter / 1.06 US quarts **Part# 1052107**
 20 liters / 5.28 US gallons **Part# 1052208**

Color: Amber & Clear

The only approved first fill and service fill transmission fluid for the new generation of Porsche double clutch gear transmissions (PDK). Founded on a fully synthetic base oil technology for safe operation at even the highest thermal load. Features a special clutch friction performance which makes it mandatory to be applied solely to the double clutch gear box — do not mix with any other gear oils. Can be used where BMW MTF-LT-5 manual transmission fluid is specified.

MADE IN GERMANY

APPLICATED FOR

- BMW Manual Trans. (2011+) MTF-LT-5
- Porsche PDK Trans. (2009-2017) Part# 000-043-207-29

TRANSMISSION FLUID

Synthetic oil-based all-purpose high-performance transmission fluid for use in today's automatic and manual transmissions.



PENTOSIN FFL-8

Fully Synthetic Double Clutch (PDK) Transmission Fluid

1 liter / 1.06 US quarts **Part# 1090107**
 5 liters / 1.32 US gallons **Part# 1090207**
 20 liters / 5.28 US gallons **Part# 1090208**

Color: Amber & Clear

The only approved first fill DCTF specifically developed for ZF/ Porsche Double Clutch Transmission with wet clutch. Provides optimized friction properties and best load carrying capacity even under hard conditions over the lifetime of the car. Features a special clutch friction performance which makes it mandatory to be applied solely to the double clutch gear box – do not mix with any other gear oils.

MADE IN GERMANY

APPLICATED FOR

- Porsche PDK 8-speed Trans. (2017+) Part # 000-043-210-44
- Porsche Taycan (2020+) Electric axle fluid



PENTOSIN FFL-4

Fully Synthetic Double Clutch (DCT) Transmission Fluid

1 liter / 1.06 US quarts **Part# 1080107**
 5 liters / 1.32 US gallons **Part# 1080207**
 20 liters / 5.28 US gallons **Part# 1080208**

Color: Amber & Clear

The only approved first fill and service fill transmission fluid for new generation BMW double clutch gear transmissions (DCT). Founded on a fully synthetic base oil technology for safe operation at even the highest thermal load. Features special clutch friction performance which makes it mandatory to be applied solely to the double clutch gear box — do not mix with any other gear oils.

MADE IN GERMANY

APPLICATED FOR

- Audi R8 (2014+), R5 (All years), S4 (2010+), S5 3.0L (2010+), S6/S7 (2013+)
- Ferrari (2009+) (2011+)
- Mercedes-Benz CLA250/45 AMG (2014+), SLS AMG (2011+)
- MINI Cooper MT (2014+)
- BMW DCT Trans. M3 (2008+), M5/M6 (2012+), Z4 (2009+), 135i/335is (2009+)
- Corvette C8 Stingray 8-speed DCT (2020+)
- Hyundai Genesis Coupe (2010-2016)
- Mitsubishi Lancer 2.0L Turbo (2008+)
- Volvo S60 (2011), S80 (2010-2011), V70/XC60/ XC70 (2010)
- Ford Fiesta (2011+), Focus (2012+), Bronco MT/ Mustang Shelby GT500 (2015), 7-speed DCT (2021+)
- Porsche Macan (2015)



PENTOSIN CVT1

Multi-Purpose Fluid for Modern Continuously Variable Transmissions

1 liter / 1.06 US quarts **Part# 1120107**
Color: Light Brown

Fully synthetic high performance fluid for application in continuously variable automatic gear boxes. Fully mixable and compatible with other high-quality CVT fluids. Formulated by means of the best commercially available synthetic base oils and additive components offering the highest levels in thermal and oxidative stability. Modern additive technology, high shear stability, and excellent defoaming properties enables a high wear resistance and ideal friction performance for both CVT belt and CVT chain.

MADE IN GERMANY

APPLICATED FOR

- Audi (2002-2012)
- Honda (1996-2011)
- Mercedes-Benz (2005-2007)
- Mitsubishi (2008-2011)
- Nissan (2003-2012)
- Subaru (1987-1994, 2010-2011)
- Dodge (2007-2010)
- Jeep (2007-2011)
- MINI (2002-2008)
- Nissan (2003-2012)
- Suzuki (2010-2013)
- Ford Light Duty (2005-2007)
- Mercedes-Benz (2006-2011)
- Saturn (2002-2005)



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