TRANSMISSION FLUID

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

Automatic Transmission Fluid — PENTOSIN ATF1
Size: 1 liter (1.06 quarts), Part# 1058107
5 liters (1.32 US gallons), Part# 1058206
20 liters (5.28 gallons), Part# 1058219
Color: Amber & Clear
- Suitable for all ECC* automatic transmissions (except CVT & DCT) (always refer to your vehicle owner’s manual)
  - Aston Martin, Audi, BMW, Bentley, Jaguar, Land Rover, Porsche, Rolls Royce, Saab, Volkswagen, Volvo
- Dodge Sprinter (all years)
- Mercedes-Benz (suitable replacement for NAG 1 & NAG 2)
  * Electronically Controlled Converter Clutch

Double Clutch Transmission Fluid — PENTOSIN FFL2
Size: 1 liter (1.06 quarts), Part# 1038107
20 liters (5.28 gallons) Part# 1038208
Color: Amber & Clear
- Audi/Volkswagen DSG transmissions (TT Quattro/New Beetle 2004 on; Jetta 2005 on; A3/A3 Quattro/GTI 2006 on; Eos 2007 on; TT 2008 on; R2: 2008; Golf/Passat 2010 on; CC 2012 on); S4/S5 2010 on; S6 2013 on; Spec TL S21 82

Double Clutch Transmission Fluid — PENTOSIN FFL3
Size: 1 liter (1.06 quarts), Part# 1052107
20 liters (5.28 gallons), Special Order
Color: Amber & Clear
- Porsche PDK transmission (911/Boxster/Cayman 2009 on; Panamera 2010 on); (Porsche approved)

Double Clutch Transmission Fluid — PENTOSIN FFL4
Size: 1 liter (1.06 quarts), Part# 1080107
20 liters (5.28 gallons), Special Order
Color: Amber & Clear
- BMW DCT Transmission (M3 2008 on) Z4 2009 on; 135i/335is 2011 on; M5/M6 2012 on; 135is 2013 on; (BMW approved)

Manual Transmission Fluid — PENTOSIN MTF2
Size: 1 liter (1.06 quarts), Part# 8056107
5 liters (1.32 US gallons), Part# 8056206
Color: Amber & Clear
- BMW with ZF & Getrag manual transmissions (1997 on); Hyundai Genesis (2010 on)

NOTE: When changing, replacing, or topping off fluids, always check the vehicle owner’s manual and/or reservoir tank for indication of what type of fluid was original fill.

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.

CHF 11S (synthetic oil based)
Size: 1 liter (1.06 quarts), Part# 1405116
5 liter (1.32 US gallons), Part# 1405216
20 liter (5.28 US gallons), Part# 1405208
Color: Dark Green
- Audi (1990-2005); Spec. TL S2 146.0
- BMW (1990 on; check owners manual)
- Chrysler 300 (2011-2012) 3.6L
- Chrysler Aspen (2009) 5.7L
- Chrysler Crossfire
- Dodge Challenger, Charger, (2011-2013) 3.6L
- Dodge Durango (2011-2013) 3.6L (2009) 5.7L
- Dodge Grand Cherokee (2011-2014) 3.6L (2014) 5.7L
- Jaguar (1990 on)
- Jeep Grand Cherokee (2011-2014) 3.6L, (2014) 5.7L
- Land Rover
- MINI (all years)
- Porsche (1990-2005)
- Rolls Royce
- Saab (1990-2005)
- Volkswagen (1990-2005); Spec. TL S2 146.0
- Volvo (03/1998-2002)

CHF 202 (synthetic oil based)
Size: 1 liter (1.06 quarts), Part# 8403107
5 liter (1.32 US gallons), Part# 1403206
20 liter (5.28 US gallons), Part# 1403208
Color: Dark Green
- Audi (2006 on); Spec. TL S2 146.01
- Hyundai Genesis V8
- Land Rover
- Porsche Cayenne (2006 on)
- Saab (2006 on)
- Volkswagen (2006 on); Spec. TL S2 146.01
- Volvo (2002 on)
- Mercedes-Benz (staggered models starting 1990 - check vehicle owners manual): Spec. 345.0
- MINI (all years)
- Rolls Royce
- Saab (1990-2005)
- Volkswagen (1990-2005); Spec. TL S2 146.00
- Volvo (03/1998-2002)

NOTE: CHF 11S and CHF 202 are fully compatible and reusable. Pentosin CHF fluids should not be mixed with ATF fluids.

PENTOSIN TECHNICAL FLUID GUIDE

WWW.PENTOSIN.NET
**ANTIFREEZE**

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

### PENTOFROST A1 (with phosphates)
- **Size:** 3.79 liters (1 US gallon), Part# 8115203 (USA/Mexico Only)
- **Size:** 3.79 liters (1 US gallon), Part# 8115204 (Canada Only)
- **Color:** Red, Bright, & Clear
  - Lexus (1990-2004)
  - Toyota (1990-2004)
  - Scion (2004)

### PENTOFROST A2
- **Size:** 3.79 liters (1 US gallon), Part# 8115205 (USA/Mexico Only)
- **Size:** 3.79 liters (1 US gallon), Part# 8115206 (Canada Only)
- **Color:** Green
  - Extended Life concentrate like the OEM (must add water)
  - Hyundai (1990+)
  - Infiniti (1990-2008)
  - Kia (1990+)
  - Mazda (1990+)
  - Mitsubishi (1990+ and all Lancer based models to 2012+)
  - Nissan (1990-2008)
  - Subaru (1990-2008)

### PENTOFROST A3
- **Size:** 3.79 liters (1 US gallon), Part# 8115207 (USA/Mexico Only)
- **Size:** 3.79 liters (1 US gallon), Part# 8115208 (Canada Only)
- **Color:** Blue
  - 50/50 diluted Super Extended Life (pre-diluted like the OEM)
  - Acura (1990+)
  - Honda (1990+)
  - Infiniti (2009+)
  - Nissan (2009+)

### PENTOFROST A4
- **Size:** 3.79 liters (1 US gallon), Part# 8115209 (USA/Mexico Only)
- **Size:** 3.79 liters (1 US gallon), Part# 8115210 (Canada Only)
- **Color:** Pink
  - 50/50 diluted Super Extended Life (pre-diluted like the OEM)
  - Lexus (2005+)
  - Scion (2005+)

### PENTOFROST ++ (with silicates)
- **Size:** 1.5 liters (1.59 quarts), Part# 8112106
- **Size:** 5 liters (1.52 US gallons), Part# 8112206
- **Color:** Pink & Clear
  - Audi (all models 2006 on); Spec. TL 774 G
  - Porsche (all models 2006-On)
  - Volkswagen (all models 2006 on); Spec TL 774 G

### PENTOFROST NF (with silicates)
- **Size:** 1.5 liters (1.59 quarts), Part# 8114117
- **Color:** Blue
  - Audi (up to 06/1996)
  - BMW (all years)
  - Dodge Spirit/Sprinter (all years)
  - Jaguar (up to 1997)
  - Land Rover V8 & DEF (1990 - 2005)
  - Mercedes-Benz (all years)
  - MINI (all years)
  - Porsche 924, 928, 944, & 968 (all years)
  - Saab (up to 2000)
  - Volkswagen (up to 6/1996)
  - Volvo (all years)

### PENTOFROST SF (without silicates)
- **Size:** 1.5 liters (1.59 quarts), Part# 8114107
- **Color:** Pink & Clear
  - Audi (after 06/1996 up to 2005); Spec. TL 744 F
  - Jaguar (1997 on)
  - Land Rover Freelander, Discovery, Defender (1998 on)
  - Porsche Boxster, 911, Cayman & Cayenne (1996 - 2005)
  - Saab (2001 on)
  - Volkswagen (after 06/1996 up to 2005); Spec. TL 744 F

**NOTE:** PENTOFROST ++ can be used where PENTOFROST SF (G001200) is specified for AW.

**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.

### SUPER DOT4
- **Size:** 0.25 liter (0.26 quart), Part# 1204112
- **Size:** 1.5 liter (0.53 quart), Part# 1204116
- **Size:** 5 liters (1.32 US gallons), Part# 1204116
- **Color:** Amber
  - Audi (up to 2005)
  - BMW (up to 6/2002)
  - Jaguar (all years)
  - Land Rover (all years)
  - Mercedes-Benz (all years)
  - Porsche (all years)
  - Saab (all years)
  - Volkswagen (up to 2005)
  - Volvo (all years)

### DOT4LY LOW VISCOSITY BRAKE FLUID
- **Size:** 1 liter (1.06 quarts), Part# 1224116
- **Size:** 5 liter (1.32 US gallons), Part# 1224204
- **Color:** Amber
  - B/Oiling Point ≥ 265°C (≥509°F)
  - Wet B/Oiling Point ≥ 165°C (≥329°F)
  - Audi (2006 on)
  - BMW (7/2002 on)
  - MINI (all years)

**NOTE:** Low viscosity brake fluid can be used in vehicles that do not require a low viscosity fluid; however, standard DOT 3 or 4 brake fluid should not be used for top off in vehicles that require a low viscosity brake fluid. This action will reduce the low temperature properties and decrease the safety performance of the fluid.

**MOTOR OIL**

Pentosin synthetic high performance motor oils offer optimum performance, efficiency, and fuel economy even under the most severe driving conditions.

### PENTO SUPER PERFORMANCE III 5W-30
- **Size:** 1 liter (1.06 quarts), Part# 1078208
- **Size:** 5 liters (5.28 US gallons), Part# 1078208
- **Color:** Brown
- **Service Class:** Exceeds API SM/CF, ACEA C3
  - Audi/Volkswagen with 504.00, 505.00, & 505.01 engine oil specs
  - BMW with LL-04 engine oil specs (diesel only)
  - Jaguar (most 1993 on; exceptions Van den Plas, XJ12, XJ6, XJR, XJS)
  - Land Rover (all models where 5W-30 is required)
  - Mercedes-Benz with MB 229.51 engine oil specs

### PENTO HIGH PERFORMANCE 5W-30
- **Size:** 1 liter (1.06 quarts), Part# 8043107
- **Size:** 5 liters (5.28 US gallons), Part# 8043208
- **Color:** Brown
- **Service Class:** API SL/CL, ACEA A3/B4
  - Audi/Volkswagen with 502.00 & 505.00 engine oil specs
  - BMW with LL-01 engine oil specs (diesel only)
  - Jaguar (most 1993 on; exceptions Van den Plas, XJ12, XJ6, XJR, XJS)
  - Land Rover (all models where 5W-30 is required)
  - Mercedes-Benz with MB 229.51 & 5W-40 engine oil specs
  - MINI with LL-01 engine oil specs
  - Saab with GM-LL-B-025 engine oil specs

**NOTE:** Always consult the vehicle owner’s manual to identify motor oil specification requirements.