

## 2006 MINI Cooper S

2002-09 GENERAL INFORMATION Operating Fluids - All Models (MINI)

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## MINI OPERATING FLUIDS

### MODELS

#### MINI COOPER MODELS

Model	Body Code	Engine Code
Cooper	R50	W10
Cooper & Cooper S Convertible	R52	W10 & W11
Cooper S	R53	W11
Cooper Clubman & Cooper S Clubman	R55	N12 & N14
Cooper & Cooper S	R56	N12 & N14

### OPERATING FLUIDS

#### MINI OPERATING FLUIDS

Application	Part Number	Description
Engine Oil (1 Quart)	07 51 0 143 829	MINI Synthetic Oil SAE 5W-30
Engine Oil (55 Gallon Drum)	07 51 0 017 954	MINI Synthetic Oil SAE 5W-30
6 Speed Automatic Transmission GA6F21WA R52 and R53 Cooper S R55 Cooper Clubman and Cooper S Clubman R56 Cooper and Cooper S	83 22 0 402 413	MINI ATF JWS 3309 1 Liter Bottle Note: -Pan removal requires 4 liters to refill. -Torque Converter replacement requires 4.5 liters to refill. -Transmission replacement requires 6 liters to refill.
ECVT Transmission Fluid	83 22 0 136 376	Esso EZL799
Manual Transmission Fluid up to 7/2004 production R50 Cooper GS5-65BH 5 Speed	83 22 0 403 247	Texaco MTF94 Lifetime Fluid Fill Quantity: 2.0 liters
Manual Transmission Fluid up to 7/2004 production Getrag 285 6 Speed R52 and R53 Cooper S	83 22 0 403 247	Texaco MTF94 Lifetime Fluid Fill Quantity: 1.7 liters
Manual Transmission Fluid from 7/2004 production Getrag 252 5 Speed R50 Cooper	83 22 7 533 818	MTF LT-3 Lifetime Fluid Fill Quantity: 1.7 liters
Manual Transmission Fluid from 7/2004 production Getrag 285 6 Speed R52 and R53 Cooper S	83 22 7 533 818	MTF LT-3 Lifetime Fluid Fill Quantity: 1.7 liters
Manual Transmission Fluid from 9/2006 production Getrag GS6-	83 22 0 421 925	MTF LT-4 Lifetime Fluid Fill Quantity: 1.7 liters

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55BG (G522) R55 Cooper Clubman R56 Cooper		
Manual Transmission Fluid from 9/2006 production Getrag GS6- 53BG (G253) R55 Cooper S Clubman R56 Cooper S	83 22 0 421 925	MTF LT-4 Lifetime Fluid Fill Quantity: 1.9 liters
Antifreeze/Coolant	82 14 0 031 133	Antifreeze/Coolant 1 Gallon
Power Steering Fluid	82 11 0 148 132	Pentosin CHF 11s
Brake Fluid	81 22 0 146 735	DOT 4 Fluid
Convertible Top Hydraulic Pump Fluid	54 34 0 394 395	Hydraulic Oil
Air Conditioning Refrigerant	Sourced locally using independent supplier	HFC-R134a R50, R52 and R53 (W10 and W11) 415plusmn;10g (0.91plusmn;0.02 lbs.) R56 (N12 and N14) 490plusmn;10g (1.08plusmn;0.02 lbs.)
Air Conditioning Refrigerant Oil	82 11 0 148 908	PAG Oil (Polyalkylene Glycol)