

# RAVENOL DOT 4

Synthetic



**250 ml**

Vendor:  
**1350601-250**  
 Vendor:  
 1350601-250-05-000  
 Barcode:  
 4014835692121



**500 ml**

Vendor:  
**1350601-500**  
 Vendor:  
 1350601-500-05-000  
 Barcode:  
 4014835692152



**1 l**

Vendor:  
**1350601-001**  
 Vendor:  
 1350601-001-01-000  
 Barcode:  
 4014835692114



**20 l**

Vendor:  
**1350601-020**

**RAVENOL DOT 4** is a brake fluid for the use in all vehicles with optimum ABS characteristics. There is a chemical stability and it is provided with additives which save the best lubrication efficiency.

Because of the special formulation of **RAVENOL DOT 4** the international specifications SAE J 1704, ISO 4925 and the safety regulations FMVSS 116 DOT 3 and DOT 4 from the United States of America are exceeded.

## Application Note

**RAVENOL DOT** can be used in all vehicles for which the DOT 4 specification for brake fluids is required. It is suitable for all hydraulic brake systems with synthetic fluids.

**RAVENOL DOT** is miscible with all known brake fluids of the same specification. To use the high performance level of **RAVENOL DOT**, a complete change of the brake fluid is recommended.

**RAVENOL DOT** is not suitable for vehicles with mineral oil systems (e.g. certain Citroën models).

FOLLOW VEHICLE MANUFACTURERS RECOMMENDATIONS WHEN ADDING BRAKE FLUID KEEP BRAKE FLUID CLEAN AND DRY. Contamination with dirt, water, petroleum products or other materials may result in brake failure or costly repairs.

STORE BRAKE FLUID ONLY IN ITS ORIGINAL CONTAINER. KEEP CONTAINER CLEAN AND TIGHTLY CLOSED TO PREVENT ADSORPTION OF WATER. CAUTION! DO NOT REFILL CONTAINER AND DO NOT USE FOR OTHER LIQUIDS.

Dispose of used brake fluid responsibly (EU waste code 160113).

Brake fluid damages paint work -if spilt wash off immediately with plenty of water.

## **Characteristics**

- optimum ABS characteristics
- chemical stability
- best lubrication efficiency
- neutral behaviour regarding brake parts
- low viscosity at low temperatures
- miscible with all brake fluids of the same specifications

## Characteristics

Title	Value	Audit
Համապատասխանում է արտադրողի բնութագրերին	DOT 4, ISO 4925 Class 4, SAE J 1704	
Density at 20 °C	1052 kg/m <sup>3</sup>	EN ISO 12185
Գույն	light yellow	տեսողական
Viscosity at 100 °C	2.41 mPa*s	ASTM D445
Viscosity at -40 °C	1340 cSt	ASTM D445
Եռման կետ	271 °C	FMVSS 116
Wet Equilibrium Reflux Boiling Point	169 °C	FMVSS 116
Բարձր ջերմաստիճանի կայունություն	-1 °C	FMVSS 116
Քիմիական կայունություն	1 °C	FMVSS 116
Evaporation	61 %w/w	FMVSS 116
Հեղուկություն -40°C-ում	i.O., 4s	FMVSS 116
Հեղուկություն -50°C-ում	i.O., 8s	FMVSS 116
Water Tolerance at -40 °C	transparent, 3s	FMVSS 116
Water Tolerance at +60 °C	Transparent	FMVSS 116
Միախառնելիությունը -40°C-ում	Transparent	FMVSS 116
Միախառնելիությունը +60°C-ում	Transparent	FMVSS 116
Water content	0.2 mg/kg	DIN 51777-1
Tinned Iron	0.04 Δ mg/cm <sup>2</sup>	FMVSS 116
Steel	-0.01 Δ mg/cm <sup>2</sup>	FMVSS 116
Aluminium	0.02 Δ mg/cm <sup>2</sup>	FMVSS 116
Cast Iron	-0,03 Δ mg/cm <sup>2</sup>	FMVSS 116
Brass	-0.08 Δ mg/cm <sup>2</sup>	FMVSS 116
Copper	-0.05 Δ mg/cm <sup>2</sup>	FMVSS 116
Zinc	0.01 Δ mg/cm <sup>2</sup>	FMVSS 116
Լստվածք	0.05 %	FMVSS 116
pH - value	8.2	FMVSS 116
Ռետինե տրամագծի փոփոխություն	0.16	FMVSS 116
Կարծրության փոփոխություն	-4 °IRHD	FMVSS 116
Appearance	i.O.	FMVSS 116
SBR at 70 °C	0.56 Ø Δ, mm	FMVSS 116
SBR at 120 °C	0.73 Ø Δ, mm	FMVSS 116
EPDM at 70 °C (as required by SAE J1703)	-2 Δ Härte	FMVSS 116
EPDM at 120 °C	-2 Δ Härte	FMVSS 116

Title	Value	Audit
Natural at 70 °C (as required by ISO 4925)	0.38 Ø Δ, mm	FMVSS 116
FMVSS 116 specifications (DOT)	DOT-4	

## Analogs

### Alpine

0101102, 0101332, 0101106, 0101105, 0101104, 0101103, 0101334, 0101333, 0101101, 0101107

### BMW

83139415965, 81229407511, 83130006607, 81229407512, 81229407513, 81229407510

### BRP

779151, 779207, 293600131

### Chrysler

04549625AD, 04549625AF, 04549625AE, 04549625GG, 04549625GE, 04549625GF, 04549625EA, 04318080EA, 04549625EB, 0BF00016AB, 68081808EA, 04549625AA, 04549625AB, 04549625GA, 04549625GB, 04549625GC, 68078179EA, 04549625GD, 4549625AD, 04549625AC, 4318080AD, 04318080GD, 68447991AA, 04318080AA, 04318080GA, 04318080GB, 04318080AD, 04318080AC, 04318080AB, 04318081AB, 0BF00014AB, 04318081AC, 04318080GC, 4318080AC

### FEBI

26461, 21754, 26746, 23930, 23932, 23934, 26748

### Ford

1451140, 5012146, 5024438, 5024440, 5024442, 5024838, 5024443, 1135516, YS4JM6C57B1A, A99SX19542A1A, 1105891, 1135523, YS5JM6C9103C1A, YS5JM6C9103D1A, 1135524, A99SX19542B1A, 1675576, 4U7JM6C9103C1BB, 1850522, 1114403, 1135522, 1114407, 1114406, 1114402, 1114404, 1135521, 1114401, 1135520, 1114405, 1451158, 1365302, 5010894, 5010893, 5012151, 1106506, 1106505, 5010895, 1365301, 5024444, 5024839, 1675574, 4U7JM6C57C1BB, YS4JM6C57C1A, 1135525, A99SX19542C1A, 1776312, 1135517, 1114400, 1776310, PM1C, 1850519, 1135519, 1850521, YS5JM6C9103B1A, YS5JM6C9103A1A, 5012145, 5012144, 5010891, 5010892, 5024436, 5024435, 5024437, 5024441, 1135515, 1135518, 1776308, 1776311, YS4JM6C57A1A, YS4JM6C57D1A

### Geely

LM3295, LM20531, LM8834, LM20523N, LM3205

### General Motors

19299819, 88864150, 88865430, 12378047, 6903121, 88865629, 88865904, 19369881, 10117, 19418496, 19353127, 88865737, 88865738, 88865969, 93740026, 19353126, 104110, 93746316, 93742652, 88864152, 88865432, 89062883, 92286932, 19366882, 92238374, 104069, 88958860, 19418498, 88862828, 88862829, 88865984, 19299570, 104086, 92147062, 1942416, 93160371, 1942426, 93746642, 93165409, 1942058, 104043, 92026651, 92139842, 92155965, 92155966, HN1796, M39210, M41005, PLB0002, 91145480, 1942414, 88864151, 19299818, 12378048, 10114, 19418497, 88865739, 93740136, 93740135, 88861191, 88864153, 92286931, 19418499, 93742653, 1942417, 93165411, 95599256, 93165412, 1942068, 1942061, 93160366, 1942424, 1942060, 93160365, 1942423, 93165498, 1942063, 30560448, 93730597, 1942057, 93165410, 1942059, 93160363, 93160364, 1942422, 1942421, 93160362, 1942420, 93165408, 19299571, 88900618, 88900102, 88865431, 93160370, 1942425

### Honda

0820399938HE, 0820399938, 0820399931, 0820300038, 820399938, 082030004, 0820399921HE, 0820399931HE, 087989008, 0820300031, 0820399932HE, 08203M9938ZT1

## **Hyundai**

0023219053

## **Hyundai Motor**

0110000A00, 0110000110, 0110000100, 110000120

## **Jaguar**

C2D34402

## **Land Rover**

LR090832, STC8292, SIJ500030, JDE33971, 4666300060, LR052653TRW, S1J500040, JDE33972, LRNDOT4

## **Mazda**

000077130E10, 11877097, K500W0001B, 830077206, K500W0001B, K001W0001B, 830077LM0001

## **Mercedes-Benz**

A000989080713, A990989850016, A990989850015, A990989850012, A990989850011, A000989080715, A000989560515, A000989560512, A000989080714, A0009895605171111, A000989560517, A0009895605141111, A000989560514, A0009895605131111, A000989560513, A0009895605098609, A0009895605090109, A000989560509, A0009890807, A000989080711, A000989560511, A000989080710, A000989080719

## **Mitsubishi**

MZ101255, RU000276, MZ101244, MSC99089T, MZ320393, MZ101256, KNM0040001, MZ101245, MZ320394, MZ101204, MZ101205

## **Nissan**

999MPA4100P, KN10A30005, KE90399912, KN70240105, KN10030005, KN1003000511, KN1004001011, KNM0040001, KE90300032, KN10040010, KE90399930, KE90399930UK, KE90399920, KN70240101, KE90399932, KE90399932R, KN10030010, KN1003001011, KN1003001811, KN10030018, KNM0030001, KN20130001, KN20130018, KE90399910UK, KE90399910

## **PSA Peugeot Citroen**

1610726080, 1610725580, DLM0008834

## **Pentosin**

1204114, 4008849204067, 601102875, 1219116, 1204116, 1204204, 4008849204074, 601101793, 601113024, 1204112, 601102127

## **Peugeot**

469934, 469935

## **Polaris**

2872189, 502526, 2877270, 502081, 502115

## **Porsche**

00004430501, 00004320366, 00004320367, 00004330552, 00004330553, 00004320204, 00004320209, 00004320266, 00004321082, 00004321086

## **Renault**

7711575501, 7711218589

## **SWAG**

32923930, 32923932, 30926461, 99900001, 99900004

## **Scania**

1761088

## **SsangYong**

0000000117, LLKDOT4004, 000000R403, 000000R117, 0000000403

## **Subaru**

SOA868V9220, SOA635004, SOA868V9221, SOA635311, K0579GA100

## **Suzuki**

9900023200000, 990F0BFDT4BEC2, 990F0BFDT4EC2, 990F0BFDT4EC1, 990F0BFDT4001, 990LM08834, 9900023140D04, 9900023160D04, 9900023040D04, 9900023060D04, 9900023040000, 9900023060000, 9900023050000, 99000230600, 9900023060, 9900023050, 9900023040, 990023040D04

## **Toyota**

004751BF03LX, 0882380111, 0882380011, 0888200190, 004751BF03, 0882380080, 0882380220, 0082380010, 0047510766BF, 0882380112, 0882380113, 0882380012, 0882380014, 0882380114, 0882300091, 0882380101, 0882380090, 0888200191, 0882300097, 0882300090, 0882380010

## **Volkswagen Group**

B000750M2, B000700A3, B000700A6, B000750NP, B000750M7, B000750M9, B000750M3, B000750M6, B000700A1, B000750M1

## **Volvo**

9437432, 9437433, 9437434, 32214959, 32214960, 31400203, 31400204, 32214958, 85113577, 85112077, 9437430, 9437431, 31400202, 32214957

## **Yamalube**

YMD650490114, YMD650490112, YMD650490111, YMD650490110, ACCBRAKEFLUD

## **АвтоBA3**

88888100000582, 88888100001082

## **УАЗ**

000000473402400