



1L | 1324101-001

# RAVENOL AHC Active Height Control Fluid

**Kategorie:** Car hydraulic oil

**Artikelnummer:** 1324101

**Oil type:** Synthetic

**Recommendation:** Nissan KLG01-00501EU, Nissan KLG01-00502, Toyota AHC-Fluid 08886-01805, Toyota AHC-Fluid 08886-81260

**Application:** Passenger car

**RAVENOL AHC Active Height Control Fluid** is a full synthetic hydraulic fluid based on PAO (Poly-alpha-olefin) and Ester.

**RAVENOL AHC Active Height Control Fluid** is used as suspension fluid for active height control systems (AHC) for vehicles from Toyota and Lexus as well as for HBMC systems (Hydraulic Body Motion Control) from Nissan and Infiniti.

## Application Note

**RAVENOL AHC Active Height Control Fluid** is used in vehicles from Toyota, Lexus, Nissan and Infiniti that are equipped with an active height control system. This system was designed not only to change the position of the suspension system, but also to give the car a special softness.

**RAVENOL AHC Active Height Control Fluid** is especially suitable for the active control system of vehicles from Toyota, Lexus, Nissan and Infiniti. The AHC system holds approx. 4.5 liters. The change with **RAVENOL AHC Active Height Control Fluid** should take place approx. every 90,000 km. Oil change intervals according to the manufacturer's instructions.

**RAVENOL AHC Active Height Control Fluid** is suitable for use in the following vehicles: Toyota Land Cruiser 100 and 200, Lexus LX470 and LX570, Nissan Patrol, Infiniti QX.

Warning:

Never use brake fluid instead of **RAVENOL AHC Active Height Control Fluid**. This leads to the erosion of polymer seals of the system.

## Characteristics

- A high performance level
- A very good viscosity temperature behaviour
- A high aging resistant
- An excellent wear protection
- A solid corrosion protection
- Neutral towards sealing materials

# Technical Product Data

| PROPERTY                        | UNIT     | DATA    | AUDIT            |
|---------------------------------|----------|---------|------------------|
| Viscosity at 100 °C             | mm²/s    | 2,85    | DIN 51562-1      |
| Viscosity at 40 °C              | mm²/s    | 10,28   | DIN 51562-1      |
| Viscosity Index VI              |          | 132     | DIN ISO 2909     |
| Pourpoint                       | °Celsius | -60     | DIN ISO 3016     |
| Colour                          |          | hellrot | VISUELL          |
| Seq. I at 24 °C                 |          | 0/0     | ASTM D892        |
| Seq. II at 93,5 °C              |          | 0/0     | ASTM D892        |
| Seq. III at 24 °C after 93,5 °C |          | 0/0     | ASTM D892        |
| tbn                             |          | 2,38    | DIN ISO 2909     |
| VKA Four Ball Test (Wear)       | mm       | 0,45    | ASTM D2896       |
|                                 | mm²/s    | 10,28   | DIN EN ISO 20623 |
|                                 | mm²/s    | 2,85    | DIN EN ISO 20623 |
| Copper Strip Test at 150 °C     |          | 1a      | ASTM D130        |
| Flashpoint                      | °Celsius | 195     | DIN EN ISO 2592  |

All indicated data are approximate values and are subject to the commercial fluctuations.