



ARCH LS

FULLY SYNTHETIC

PRODUCT DESCRIPTION:

ARCH LS is a high-performance, low SAPS synthetic engine oil designed to meet the stringent requirements of Euro IV and Euro V exhaust emission standards. It provides dependable long-life engine protection and performance for gasoline and diesel passenger cars, as well as diesel light vans equipped with Three-Way Catalysts (TWC) or Diesel Particulate Filters (DPF). ARCH LS ensures optimal engine efficiency while maintaining compliance with modern emission regulations.

APPLICATION:

ARCH LS is suitable for gasoline and diesel passenger cars or light diesel vehicles - with or without turbo chargers. It is specifically designed for ACEA C4, typically used by Renault, in addition to ACEA C3. It is also used for engines that require oil meeting MB 226.51 and MB 229.51 specifications.

FEATURES & BENEFITS:

- Excellent soot and sludge control resulting in cleaner engines and reduces fuel consumption
- Low SAPS formulation helps protect TWCs and DPFs.
- Outstanding low temperature fluidity for cold start protection.
- Good TBN retention and viscosity increase control.
- Robust antiwear additive technology for engine wear protection.

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- ACEA C4
- Renault RN 0720
- MB 226.51/229.51

TYPICAL PROPERTIES:

| PARAMETERS | ASTM | UNIT | ARCH LS |
|-------------------------------------|-------|----------|---------------|
| Grade | | | 5W-30 |
| Kinematic Viscosity @ 104°F / 40°C | D7042 | cSt | TBR |
| Kinematic Viscosity @ 212°F / 100°C | D7042 | cSt | 12 |
| Viscosity Index (min) | D2270 | - | 160 |
| Density@15°C/ 60°F | D4052 | g/cm³ | TBR |
| Flash Point (min) | D92 | °C | 220 |
| Pour Point (max) | D97 | °C | -39 |
| TBN | D2896 | mg KOH/g | 8 |
| CCS | D5293 | m.Pa.S | <6600 (-30°C) |

DISCLAIMER: The test data presented above is indicative and not a strict specification, as it may vary within acceptable production tolerances. Internol reserves the right to update or modify this test data. For the most accurate and current information, please refer to the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Continuous or repeated exposure to oil may lead to skin problems. Avoid contact with the oil. In case of contact, wash thoroughly with soap and water. Do not dispose of used oil in drains or the environment. Dispose of it at an authorized used oil collection point. For additional safety information, please refer to the MSDS available on our website at www.internol.net.

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.