



ARCH MSP

FULLY SYNTHETIC

PRODUCT DESCRIPTION:

ARCH MSP is a premium low-friction motor oil specifically engineered for high-performance downsized engines delivering maximum power output. Designed for extreme fuel economy and reduced CO2 emissions, it ensures optimal lubrication, exceptional film stability, and minimal wear and deposits, even under extreme loads. Ideal for engines equipped with start/stop systems, ARCH MSP guarantees maximum performance and efficiency, coupled with low fuel consumption.

APPLICATION:

Recommended for gasoline and diesel vehicles. Specially developed for the requirements of BMW, GM, Mercedes-Benz, Opel and other manufacturers.

FEATURES & BENEFITS:

- Outstanding engine cleanliness.
- Excellent high and low temperature behavior.
- Excellent wear protection.
- High shear stability.
- Fully compatible with turbochargers and catalytic converters.
- Optimum oil pressure under all operating conditions.
- Optimum stability to aging.
- Long engine service life.

PERFORMANCE MEET OR EXCEEDS:

| SAE GRADES | 5W-30 | 0W-30 | 0W-20 |
|------------|-------------|-------------|---------------|
| API | SN PLUS/ SP | SN PLUS/ SP | SN PLUS/ SP |
| ACEA 2022 | C2 | C2 | C5 |
| BMW | - | LL-12FE | LL-17 FE+ |
| MB | 229.61 | 229.61 | 229.71 |
| OPEL | OV 040 1547 | OV 040 1547 | OV 040 1547 |
| GM | - | - | DEXOS D |
| LAND ROVER | - | - | STJLR.03.5006 |
| VOLVO | - | - | VCC RBS0-2AE |

TYPICAL PROPERTIES:

| PARAMETERS | ASTM | UNIT | ARCH MSP | | |
|------------------------------------|-------|-------------------|---------------|---------------|---------------|
| | | | 5W-30 | 0W-30 | 0W-20 |
| Grade | | | 5W-30 | 0W-30 | 0W-20 |
| Kinematic Viscosity @ 212°F /100°C | D7042 | cSt | TBR | TBR | TBR |
| Kinematic Viscosity @ 104°F /40°C | D7042 | cSt | 53.4 | 52.8 | 41.2 |
| Viscosity Index (min) | D2270 | - | 160 | 160 | 150 |
| Density@15°C/ 60°F | D4052 | g/cm ³ | TBR | TBR | TBR |
| Flash Point (min) | D92 | °C | 220 | 220 | 220 |
| Pour Point (max) | D97 | °C | -39 | -39 | -39 |
| TBN | D2896 | mg KOH/g | 9 | 9 | 9 |
| CCS | D5293 | m.Pa.S | <6600 (-30°C) | <6600 (-35°C) | <6600 (-35°C) |

DISCLAIMER: The test data presented above is indicative and not a strict specification, as it may vary within acceptable production tolerances. Internal 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.internal.net.

PROTECT THE ENVIRONMENT:

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