



## ARCH SPECIFIC LL-01 FE 0W-30

### PASSENGER CAR MOTOR OIL

#### PRODUCT DESCRIPTION:

ARCH Specific LL-01 FE 5W-30 is a premium quality lubricant engineered for high-temperature resistance, ensuring enhanced oil consumption control and reduced wear due to its superior lubricating properties. This advanced formulation delivers significant fuel economy benefits while providing excellent oil flow, instant oil pressure, faster engine rev-up, and quicker engine warm-up. It is designed to optimize engine performance and efficiency across a wide range of driving conditions.

ARCH Specific LL-01 FE 5W-30 is a premium quality lubricant engineered to deliver excellent engine performance and protection. Its advanced formulation helps reduce fuel consumption, thereby lowering greenhouse gas (CO2) emissions and supporting environmental sustainability. This oil is designed for drivers who prioritize efficiency and environmental responsibility.

#### APPLICATION:

ARCH Specific LL-01 0W-30 is specially designed for BMW and MINI vehicles, fitted with gasoline engines meeting Euro 4, 5 and 6 emission standards, requiring a "Fuel Economy" engine oil meeting BMW Long-Life 01 FE specifications.

#### FEATURES & BENEFITS

- Excellent low temperature flow when cold starting, helping to instantly protect vital components.
- Viscosity stability at high temperatures, delivering reduced wear and tear on the engine.
- Excellent engine cleanliness and durability which reduces emissions and provides extended drain capability.
- Delivers instant protection under hot or cold conditions.

#### PERFORMANCE LEVELS / MEETS OR EXCEEDS:

GRADES	0W-30
ACEA	A5/B5
BMW	LL-01 FE

#### TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	ARCH SPECIFIC LL-01 FE 0W-30
Grade			0W-30
Kinematic Viscosity @40C	D445	cSt	TBR
Kinematic Viscosity @100C	D445	cSt	10.7
Viscosity Index (min)	D2270	-	160
TBN	D2896	mgKOH/g	220
Pour Point	D97	°C	-39
Density at 15°C	D4052	g/ml	TBR

**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](http://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.