



## ARCH 5000

### SEMI SYNTHETIC

#### PRODUCT DESCRIPTION:

ARCH 5000 is a high-performance semi-synthetic oil designed for gasoline and diesel engines. It features excellent aging resistance, effectively minimizing carbon deposits and high-temperature lacquer formation. This oil ensures reliable lubrication of engine components and incorporates low-ash additives to extend the lifespan of catalytic converters, making it an ideal choice for long-lasting engine performance and efficiency.

#### APPLICATION:

Recommended for gasoline and light-duty diesel engines found in passenger cars, agriculture and construction equipment, stationary diesel engines and four-stroke engines. It can be comfortably used in mixed fleet.

#### FEATURES & BENEFITS:

- Superior viscosity retention
- Oxidation resistant
- Wear and friction protection
- Engine Cleanliness and low combustion residue
- Excellent detergency and dispersancy
- Protection against rubber parts
- Good TBN Retention

#### PERFORMANCE LEVELS: Meets or Exceeds:

- API Service Category SG/CF

#### TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	ARCH 5000	
Grade			10W-30	10W-40
Kinematic Viscosity @ 104°F / 40°C	ASTM D7042	cSt	TBR	TBR
Kinematic Viscosity @ 212°F / 100°C	ASTM D7042	cSt	11.9	14.90
Viscosity Index (min)	ASTM D2270	-	145	145
Density@15°C/ 60°F	ASTM D4052	g/cm <sup>3</sup>	TBR	TBR
Flash Point (min)	ASTM D92	°C	220	220
Pour Point (max)	ASTM D97	°C	-36	-36
TBN	ASTM D2896	mg KOH/g	6	6
CCS	ASTM D5293	m.Pa.S	<7000 (-25°C)	<7000 (-25°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](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.