


**ARCH 5000  
MINERAL**
**PRODUCT DESCRIPTION:**

ARCH 5000 mineral engine oil is a premium-quality multigrade lubricant crafted with highly refined base stocks and advanced additive technology. It provides exceptional engine protection, effectively preventing the accumulation of dirt and sludge. Designed for older engines, ARCH 5000 ensures reliable performance across all driving conditions, whether on highways or in city traffic, enhancing engine longevity and efficiency.

**APPLICATION:**

Gasoline and light-duty diesel engines found in passenger cars, farm 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	ASTM	UNIT	ARCH 5000			
			15W-40	20W-50	20W-60	50
Grade						
Kinematic Viscosity @ 104°F / 40°C	D7042	cSt	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 212°F / 100°C	D7042	cSt	15.0	19.6	25.5	19.5
Viscosity Index (min)	D2270	-	135	120	120	95
Density@15°C/ 60°F	D4052	g/cm³	TBR	TBR	TBR	TBR
Flash Point (min)	D92	°C	220	220	220	220
Pour Point (max)	D97	°C	-33	-24	-24	-9
TBN	D2896	mg KOH/g	6.5	6.5	6.5	6.5
CCS	D5293	m.Pa.S	<7000 (-20°C)	<9500 (-15°C)	<9500 (-15°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.