

Technical Data Sheet (TDS)

ROYAL

SAE 5W-20 , SN-CF
 Fully Synthtetic

ROYAL is a high quality synthetic lubricant that incorporates anti-wear protection, as well as protection against sludge and deposit formation. This multi-grade oil meets the API quality requirement (SM) for gasoline engine passenger cars, sport utility vehicles, vans and light trucks. It is designed to provide improved oxidation resistance, improved deposit protection, better wear protection and better low-temperature performance over the life of the oil.

APPLICATION

Royal Suitable for gasoline and diesel fueled automobiles requiring ACEA C3 or ACEA C5 and API SN/CF class engine oils in select SAE viscosity grades.

FEATURES & BENEFITS

- Designed to flow at low temperatures to get to vital engine parts quickly
- Resists oxidation thickening to maintain proper flow under severe operating conditions
- Provides excellent deposit and wear protectionImproved fuel economy
- Excellent oxidation resistance
- Optimal engine operating temperature, owing to thermal control formula
- Provides safe operation of catalytic exhaust convertors
- Resistant to extreme thermal load

PERFORMANCE STANDARDS

- API SN/CF
- ACEA A3/B3
- ACEA A1/B1 (HTHS <3.5)
- VW 502 00 / 505 00
- RN 700, RN 710

TYPICAL PROPERTIES

PARAMETERS	ASTM	UNIT	ROYAL 5W-20
Kinematic Viscosity @ 104°F /40°C	D7042	cSt	47.3
Kinematic Viscosity @ 212°F /100°C	D7042	cSt	8.90
Viscosity Index (min)	D2270	-	162
Density @ 15°C /60°F	D4052	g/cm3	0.847
Flash Point (min)	D92	°C	232
Pour Point(max)	D97	°C	-42
TBN	D2896	mgKOH/g	8
CCS	D5293	m.Pa.S	<6600 (-30°C)

HEALTH & SAFETY, ENVIORMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil into drains or the enviornment. Dispose to an authorized used oil collection point. For further information on Safety Guidelines please refer to MSDS on our wevbsite: www.fubex.net

HEALTH & SAFETY:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontal to avoid the possible ingress of water and damage to drum markings. products should never be stored above 60°C , or exposed to hot sun or freezing conditions.

PROTECT THE ENVIRONMENT

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