



Petrol Engine Oil

Technical Data Sheet



LOCOMOTIVE POWER RN17 FE 0W-20

FULLY SYNTHETIC

PRODUCT DESCRIPTION:

LOCOMOTIVE POWER RN17 FE 0W-20 is a high-tech, low-friction engine oil specifically designed for RENAULT vehicles (Renault, Dacia, Samsung) fitted with gasoline and diesel engines requiring a Renault RN17 FE specification lubricant. The MiDSAPS technology, in combination with unique low-friction properties, reduces fuel consumption and, thus minimizes pollutant emissions. The reduced levels of Sulfated Ash, Phosphorous and Sulphur of Locomotive RN17 FE protects and extends lifetime of modern after-treatment systems such as DPF (Diesel Particulate Filter), SCR (Selective Catalyst Reduction) and GPF (Gasoline Particulate Filter).

APPLICATION:

LOCOMOTIVE POWER RN17 FE 0W-20 is specifically designed for some RENAULT vehicles (Renault, Dacia, Samsung) marketed since 2018, requiring Renault RN17 FE performance level oil. The RN17 FE standard is not backward compatible to any other Renault standards such as RN0700, RN0710, RN0720, RN17 or RN17 RSA.

FEATURES & BENEFITS:

- Reduces the hydrodynamic friction of the oil, resulting in fuel savings.
- Extremely high ageing resistance, durability and robustness
- Reduced SAPS levels protect and extend lifetime of modern after treatment systems such as DPF, SCR and GPF.
- High thermal stability prevents varnish and sludge formation.
- Excellent cold flow properties.

PERFORMANCE LEVELS: Meets and Exceeds:

- API SP
- ACEA C5
- RENAULT RN 17 FE

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	RESULT
Grade			0W-20
Kinematic Viscosity@ 104°F /40°C	ASTM D7042	cSt	42
Kinematic Viscosity@ 212°F /100°C	ASTM D7042	cSt	8.2
Viscosity Index	ASTM D2270	-	174
SP. Gravity @15°C/ 60°F	ASTM D4052	g/cm ³	0.842
Flash Point	ASTM D92	°C	216
Pour Point	ASTM D97	°C	-42
TBN	ASTM D2896	mg KOH/g	8.5
CCS, (°C)	ASTM D5293	m.Pa.S	<6200(-35°C)

HEALTH & SAFETY, ENVIRONMENT:

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 environment. Dispose to an authorized used oil collection point. For further Information on safety guidelines please refer to MSDS available on our website www.locomotive.co.il