

VALCO E-PROTECT 5.17 FE

Synthetic engine oil 0W20

Top of the range synthetic engine oil providing protection against wear and longevity of exhaust gas after-treatment systems ("Low-SAPS" technology). Its fluidity also improve fuel economy and reduce CO₂ emissions.

VALCO E-PROTECT 5.17 FE is specially designed for Renault vehicles for which RN17 FE specification is recommended. It is also ideal when ACEA C5 level is required.

This oil is not backwards compatible for engines requiring the use of a lubricant meeting RN0700, RN0710 or RN0720 standards (risk of accelerated engine wear).

Specifications

✓ ACEA C5

OEM Approval : ► Renault RN17 FE

Physicochemical Characteristics

Characteristics	Method	Unit	Typical value	Min.	Max.
Viscosity grade	SAE J300	-	0W20	-	-
Kinematic viscosity @ 100°C	ASTM D 7042	cSt	8.5	8.0	9.3
Kinematic viscosity @ 40°C	ASTM D 7042	cSt	42	-	-
Viscosity index	ASTM D 2270	-	186	-	-
CCS viscosity @ -°C	ASTM D 5293	mPa.s	4700	-	6200
HTHS viscosity @ 150°C	ASTM D 4683	mPa.s	2.7	2.6	2.9
MRV viscosity @ -°C	ASTM D 4684	mPa.s	17000	-	60000
Density @ 20°C	ASTM D 7042	-	0.837	-	-
Pour point	ASTM D 97	°C	-50	-	-
T.B.N.	ASTM D 2896	Mg KOH/g	8.7	7.9	8.8
Sulfated ash	ASTM D 874	% mass	0.8	-	0.8
Spectrometric analysis	ICP	ppm			
Phosphorus			800	700	900
Zinc			900	-	-
Calcium			1800	-	-
Sulfur			1700	-	3000
NOACK volatility	ASTM D 5800	% mass	10.6	-	11.0
Colour	ASTM D 1500	-	4.0	-	5.0

Security

See Safety Data Sheet