VALCO E-PROTECT 2.4

Synthetic engine oil 5W30

Top of the range synthetic oil perfectly suited to engines of current fleet (gasoline, diesel, diesel direct injection) providing protection against wear and fuel economy. Additivation with low levels of ash, phosphorus and sulfur ("Low SAPS" technology) also permits to increase longevity of exhaust gas aftertreatment systems.

VALCO E-PROTECT 2.4 is specially dedicated to Renault vehicles for which RN 0720 standard is required, it is also suitable for some Mercedes vehicles (MB 229.51 specification). It can also be used when ACEA C3 or C4 performance level is required.

Specifications

- ✓ ACEA C3, C4
- ✓ MB 226.51

OEM Approvals : ► Renault RN 0720

► MB-Approval 229.51

Physicochemical Characteristics

Characteristics	Method	Unit	Typical value	Min.	Max.
Viscosity grade	SAE J300	-	5W30	-	-
Kinematic viscosity @ 100°C	ASTM D 7042	cSt	12.1	11.8	12.5
Kinematic viscosity @ 40°C	ASTM D 7042	cSt	70	-	-
Viscosity index	ASTM D 2270	-	175	-	-
CCS viscosity @ -30°C	ASTM D 5293	mPa.s	5000	-	6600
HTHS viscosity @ 150°C	ASTM D 4683	mPa.s	3.6	3.5	-
MRV viscosity @ -35°C	ASTM D 4684	mPa.s	-	-	60000
Density @ 20°C	ASTM D 7042	-	0.845	-	-
Pour point	ASTM D 97	°C	-45	-	-27
T.B.N.	ASTM D 2896	Mg KOH/g	6.8	6.0	7.1
Sulfated ash	ASTM D 874	% mass	0.48	-	0.50
Spectrometric analysis Phosphorus Zinc Calcium Sulfur	ICP	ppm	 700 770 1050 1750	 500 700 950 -	 900 820 1150 2000
NOACK volatility	ASTM D 5800	% mass	9.8	-	10.0
Colour	ASTM D 1500	-	3.0	-	3.5

Security

See Safety Data Sheet