VALCO E-PROTECT 5.9

Synthetic engine oil 0W-20

Top of the range synthetic engine oil for passenger car engines, perfectly suitable to current engines (petrol, diesel, direct injection diesel). It provide protection against wear, longevity of exhaust gas aftertreatment systems ("Low-SAPS" technology) and fuel economy.

VALCO E-PROTECT 5.9 is suitable for Volskwagen vehicles for which VW 508.00 / 509.00 standard is required. It also contains a zirconium-based tracer in accordance with Volkswagen requirements.

Please note that this oil is not backwards compatible with older vehicle engines. Always refer to manufacturer's recommendations before use.

Specifications

- ✓ ACEA C5
- ✓ VW 508.00 / 509.00
- ✓ Porsche C20
- ✓ Ford WSS-M2C956-A1

Physicochemical Characteristics

Characteristics	Method	Unit	Typical value	Min.	Max.
Viscosity grade	SAE J300	-	0W-20	-	-
Kinematic viscosity @ 100°C	ASTM D 7042	cSt	8.5	8.0	9.3
Kinematic viscosity @ 40°C	ASTM D 7042	cSt	45	-	-
Viscosity index	ASTM D 2270	-	167	-	-
CCS viscosity @ -35°C	ASTM D 5293	mPa.s	5500	-	6200
HTHS viscosity @ 150°C	ASTM D 4683	mPa.s	2.7	2.6	2.9
MRV viscosity @ -40°C	ASTM D 4684	mPa.s	21000	-	60000
Density @ 20°C	ASTM D 7042	-	0.844	-	-
Pour point	ASTM D 97	°C	-51	-	-
Flash point	ASTM D 92	°C	231	-	-
T.B.N.	ASTM D 2896	mg KOH/g	8.8	8.5	9.3
Spectrometric analysis	ICP	ppm			
Phosphorus			750	700	900
Zinc			800	-	-
Calcium			1950	-	-
Sulfur			1800	-	3000
Zirconium			25	-	-
NOACK volatility	ASTM D 5800	% mass	10.0	-	11.0
Colour	Visual	-	Green	-	-

Security

See Safety Data Sheet