

## VALCO C-PROTECT 6.1

### Synthetic engine oil 5W40

Synthetic engine oil for passenger cars, suitable for petrol, diesel and direct injection diesel engines not equipped with exhaust gas aftertreatment systems. Its properties permit to keep engine cleanliness and protection against wear and corrosion.

VALCO C-PROTECT 6.1 is specially designed for engines for which ACEA A3/B4 or API SN level is recommended.

### Specifications

- ✓ ACEA A3 / B4
- ✓ API SN / CF
- ✓ VW 502.00 / 505.00
- ✓ MB 229.3
- ✓ MB 226.5
- ✓ Renault RN 0700 / 0710
- ✓ Porsche A40
- ✓ JASO MA2

### Physicochemical Characteristics

Characteristics	Method	Unit	Typical value	Min.	Max.
Viscosity grade	SAE J300	-	5W40	-	-
Kinematic viscosity @ 100°C	ASTM D 7042	cSt	14.4	14.2	16.3
Kinematic viscosity @ 40°C	ASTM D 7042	cSt	88	-	-
Viscosity index	ASTM D 2270	-	170	-	-
CCS viscosity @ -30°C	ASTM D 5293	mPa.s	3400	-	6600
HTHS viscosity @ 150°C	ASTM D 4683	mPa.s	4.0	3.5	-
MRV viscosity @ -35°C	ASTM D 4684	mPa.s	36000	-	60000
Density @ 20°C	ASTM D 7042	-	0.849	-	-
Pour point	ASTM D 97	°C	-41	-	-27
T.B.N.	ASTM D 2896	Mg KOH/g	10.2	10.0	11.2
Sulfated ash	ASTM D 874	% mass	1.2	1.0	1.5
Spectrometric analysis	ICP	ppm			
Phosphorus			980	800	1100
Zinc			1100	950	1200
Calcium			3100	2700	3400
NOACK volatility	ASTM D 5800	% mass	11.6	-	12.0
Colour	ASTM D 1500	-	3.0	-	4.5

### Security

See Safety Data Sheet