

VALCO C-PROTECT 5.0
Semi-synthetic engine oil 10W40

Semi-synthetic engine oil for passenger cars.

Specifications

- ✓ ACEA A2 / B2
- ✓ API SL / CF

Physicochemical Characteristics

Characteristics	Method	Unit	Typical value	Min.	Max.
Viscosity grade	SAE J300	-	10W40	-	-
Kinematic viscosity @ 100°C	ASTM D 7042	cSt	13.8	12.5	16.3
Kinematic viscosity @ 40°C	ASTM D 7042	cSt	95	-	-
Viscosity index	ASTM D 2270	-	138	-	-
CCS viscosity @ -25°C	ASTM D 5293	mPa.s	6600	-	7000
HTHS viscosity @ 150°C	ASTM D 4683	mPa.s	3.6	3.5	-
Density @ 20°C	ASTM D 7042	-	0.858	-	-
Pour point	ASTM D 97	°C	-32	-	-
T.B.N.	ASTM D 2896	Mg KOH/g	7.5	6.0	9.0
Spectrometric analysis	ICP	ppm	980 1080 1390 110	±20%	
Phosphorus					
Zinc					
Calcium					
Molybdenum			110		
NOACK volatility	ASTM D 5800	% mass	13	-	15

Security

See Safety Data Sheet