VALCO C-PROTECT 5.0

Semi-synthetic engine oil 10W-40

Semi-synthetic engine oil for passenger cars and light commercial vehicles.

VALCO C-PROTECT 5.0 will ensure internal cleanliness of engine as well as protection against wear.

This oil is recommended when API SL / CF performance level is required.

Specifications

- ✓ API SL / CF

Physicochemical Characteristics

Characteristics	Method	Unit	Typical value	Min.	Max.
Viscosity grade	SAE J300	-	10W-40	-	-
Kinematic viscosity @ 100°C	ASTM D 7042	cSt	14.9	12.5	16.3
Kinematic viscosity @ 40°C	ASTM D 7042	cSt	93	-	-
Viscosity index	ASTM D 2270	-	170	-	-
CCS viscosity @ -25°C	ASTM D 5293	mPa.s	4800	-	7000
HTHS viscosity @ 150°C	ASTM D 4683	mPa.s	3.9	3.5	-
MRV viscosity @ -30°C	ASTM D 4684	mPa.s	26000	-	60000
Density @ 20°C	ASTM D 7042	-	0.855	-	-
Pour point	ASTM D 97	°C	-44	-	-
Flash point	ASTM D 92	°C	228		
T.B.N.	ASTM D 2896	mg KOH/g	7.6	7.0	8.4
Spectrometric analysis	ICP	ppm			
Phosphorus			1100	-	-
Zinc			1100	-	-
Calcium			2300	-	-
Molybdenum			110	-	-
NOACK volatility	ASTM D 5800	% mass	9.4	-	13.0
Colour	ASTM D 1500	-	4.5	-	6.0

Security

See Safety Data Sheet