

VALCO E-PROTECT 5.16

Synthetic engine oil 0W-16

Top of the range synthetic engine oil ensuring engine cleanliness, protection against wear and fuel economy. It also offers protection against damage induced by LSPI (Low Speed Pre-Ignition).

VALCO E-PROTECT 5.16 is especially intended for hybrid vehicles equipped with gasoline engines, in particular Asian manufacturers, when SAE 0W-16 viscosity grade and API SP or ILSAC GF-6B performance level are required.

Specifications

- ✓ API SP
- ✓ ILSAC GF-6B

Physicochemical Characteristics

Characteristics	Method	Unit	Typical value	Min.	Max.
Viscosity grade	SAE J300	-	0W-16	-	-
Kinematic viscosity @ 100°C	ASTM D 7042	cSt	7.7	6.9	8.2
Kinematic viscosity @ 40°C	ASTM D 7042	cSt	40	-	-
Viscosity index	ASTM D 2270	-	167	-	-
CCS viscosity @ -35°C	ASTM D 5293	mPa.s	5400	-	6200
HTHS viscosity @ 150°C	ASTM D 4683	mPa.s	2.5	2.3	-
MRV viscosity @ -40°C	ASTM D 4684	mPa.s	23300	-	60000
Density @ 20°C	ASTM D 7042	-	0.843	-	-
Pour point	ASTM D 97	°C	-45	-	-
T.B.N.	ASTM D 2896	mg KOH/g	7.3	6.5	7.6
Spectrometric analysis	ICP	ppm			
Phosphorus			750	600	800
Zinc			820	-	-
Calcium			1000	-	-
Magnesium			600	-	-
Molybdenum			80	-	-
Boron			210	-	-
Sulfur			-	-	5000
NOACK volatility	ASTM D 5800	% mass	13.6	-	15.0
Colour	ASTM D 1500	-	3.0	-	4.0

Security

See Safety Data Sheet