VALCO PL-PROTECT 4.2

Engine oil 15W-40 HD

Engine oil for for diesel engines for which API CF performance level is recommended.

VALCO PL-PROTECT 4.2 will ensure internal cleanliness of engine as well as protection against wear.

Specifications

- ✓ API SF / CF

Physicochemical Characteristics

Characteristics	Method	Unit	Typical value	Min.	Max.
Viscosity grade	SAE J300	-	15W-40	-	-
Kinematic viscosity @ 100°C	ASTM D 7042	cSt	15.1	12.5	16.3
Kinematic viscosity @ 40°C	ASTM D 7042	cSt	105	-	-
Viscosity index	ASTM D 2270	-	152	-	-
CCS viscosity @ -20°C	ASTM D 5293	mPa.s	5000	-	7000
HTHS viscosity @ 150°C	ASTM D 4683	mPa.s	4.0	3.7	-
MRV viscosity @ -25°C	ASTM D 4684	mPa.s	26300	-	60000
Density @ 20°C	ASTM D 7042	-	0.864	-	-
Pour point	ASTM D 97	°C	-43	-	-
Flash point	ASTM D 92	°C	239	-	-
T.B.N.	ASTM D 2896	mg KOH/g	4.3	3.9	5.1
Spectrometric analysis Phosphorus Zinc Calcium Molybdenum	ICP	ppm	 600 620 1300 60	 - - - -	 - - - -
NOACK volatility	ASTM D 5800	% mass	7.3	-	13.0
Colour	ASTM D 1500	-	4.5	-	6.0

Security

See Safety Data Sheet