

ARECA F8001**Synthetic engine oil 0W20**

Top of the range synthetic engine oil providing protection against wear, longevity of exhaust gas aftertreatment systems ("Low-SAPS" technology) and fuel economy.

ARECA F8001 is specially dedicated for Volvo engines for which VCC RBS0-2AE specification is recommended. It is also ideal when ACEA C5 and / or API SN level is required.

Specifications

- ✓ ACEA C5
- ✓ API SN

OEM Approval: Volvo VCC RBS0-2AE

Physicochemical Characteristics

Characteristics	Method	Unit	Typical value	Mini	Maxi
Viscosity grade	SAE-J	-	0W20	-	-
Kinematic viscosity @ 100°C	ASTM D 7042	cSt	9.1	8.0	9.3
Kinematic viscosity @ 40°C	ASTM D 7042	cSt	49	-	-
Viscosity index	ASTM D 2270	-	170	-	-
CCS viscosity @ -35°C	ASTM D 5293	mPa.s	5900	-	6200
HTHS viscosity @ 150°C	ASTM D 4683	mPa.s	2.8	2.75	2.9
MRV viscosity @ -40°C	ASTM D 4684	mPa.s	-	-	60000
Density	D 20/4	-	0.843	-	-
Pour point	ASTM D 97	°C	-48	-	-48
T.B.N.	ASTM D 2896	Mg KOH/g	8.0	7.5	8.7
Sulfated ash	ASTM D 874	% mass	0.8	-	0.8
Spectrometric analysis	ICP	ppm			
Phosphorus			800	700	900
Zinc			890	800	970
Calcium			1830	1660	2000
Sulfur			1830	-	3000
NOACK volatility	ASTM D 5800	% mass	12	-	13
Colour	ASTM D 1500	-	3.0	-	3.0

Security

See Safety Data Sheet