

**ARECA F7003****Synthetic engine oil 5W30**

Top of the range fully synthetic passenger car engine oil perfectly adapted to nowadays vehicles, petrol, Diesel, high pressure direct injection Diesel equipped with exhaust gas post treatment devices.

Particularly dedicated to vehicles for which MB 229.52 specification is needed.

**Specifications**

- ✓ ACEA C2 / C3
- ✓ API SN
- ✓ GM Dexos 2
- ✓ MB 229.51

**OEM Approval : MB 229.52**

**Physicochemical Characteristics**

Characteristics	Method	Units	Typical value	Mini	Maxi
Viscosity grade	SAE-J	-	5W30	-	-
Kinematic viscosity @ 100°C	ASTM D 7279	cSt	11.1	9.3	12.5
Kinematic viscosity @ 40°C	ASTM D 7279	cSt	62	-	-
Viscosity index	ASTM D 2270	-	160	-	-
CCS viscosity @ -30°C	ASTM D 5293	mPa.s	6000	-	6600
HTHS viscosity @ 150°C	CEC-L-36-A-97	mPa.s	3.6	3.5	-
MRV viscosity @ -35°C	ASTM D4684	mPa.s	-	-	60000
Density	D 20/4	-	0.848	-	-
Pour point	ASTM D 5950	°C	-39	-	-36
T.B.N.	ASTM D 2896	Mg KOH/g	7.2	6.6	8.0
Sulfated ash	ISO/FDIS 3987	% mass	0.78	-	0.80
Spectrometric analysis	ICP	ppm			
Phosphorus			770	700	800
Zinc			840	770	920
Calcium			1930	1760	2100
Sulfur			2200	-	3000
NOACK volatility	ASTM D 5800	% mass	9.8	-	10
Color	ASTM D1500	-	2.5	-	3.0

**Security**

See Safety Data Sheet