ARECA F4000

Synthetic engine oil 5W40

Synthetic engine oil for passenger cars, suitable for petrol, diesel and direct injection diesel engines not equipped with exhaust gas aftertreatment systems. Its properties permit to keep engine cleanliness and protection against wear and corrosion.

ARECA F4000 is specially designed for engines for which ACEA A3/B4 or API SN level is recommended.

Specifications

- ✓ ACEA A3 / B4
- ✓ API SN
- ✓ MB 229.3
- ✓ VW 502.00 / 505.00
- ✓ RN 0700 / 0710
- ✓ Porsche A40
- ✓ PSA B71 2296

Physicochemical Characteristics

Characteristics	Method	Unit	Typical value	Min.	Max.
Viscosity grade	SAE J300	-	5W40	-	-
Kinematic viscosity @ 100°C	ASTM D 7042	cSt	13.9	13.8	16.3
Kinematic viscosity @ 40°C	ASTM D 7042	cSt	85	-	-
Viscosity index	ASTM D 2270	-	168	-	-
CCS viscosity @ -30°C	ASTM D 5293	mPa.s	5900	-	6600
HTHS viscosity @ 150°C	ASTM D 4683	mPa.s	3.9	3.5	-
MRV viscosity @ -35°C	ASTM D 4684	mPa.s	-	-	60000
Density @ 20°C	ASTM D 7042	-	0.851	-	-
Pour point	ASTM D 97	°C	-45	-	-27
T.B.N.	ASTM D 2896	Mg KOH/g	10.4	10.0	11.4
Sulfated ash	ASTM D 874	% mass	1.3	1.0	1.5
Spectrometric analysis Phosphorus Zinc Calcium	ICP	ppm	 1120 1220 3370	 900 - -	 - - 4000
NOACK volatility	ASTM D 5800	% mass	-	-	13.0
Colour	ASTM D 1500	-	3.0	-	4.5

Security

See Safety Data Sheet