

**ARECA F7012****Synthetic engine oil 5W-30**

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).

ARECA F7012 is especially intended for hybrid vehicles equipped with gasoline engines, in particular Asian manufacturers, when SAE 5W-30 viscosity grade and API SP or ILSAC GF-6A performance level are required.

**Specifications**

- ✓ API SP-RC
- ✓ ILSAC GF-6A

**Physicochemical Characteristics**

Characteristics	Method	Unit	Typical value	Min.	Max.
Viscosity grade	SAE J300	-	5W-30	-	-
Kinematic viscosity @ 100°C	ASTM D 7042	cSt	10.8	10.3	12.5
Kinematic viscosity @ 40°C	ASTM D 7042	cSt	63	-	-
Viscosity index	ASTM D 2270	-	161	-	-
CCS viscosity @ -30°C	ASTM D 5293	mPa.s	6000	-	6600
HTHS viscosity @ 150°C	ASTM D 4683	mPa.s	3.3	2.9	-
MRV viscosity @ -35°C	ASTM D 4684	mPa.s	30000	-	60000
Density @ 20°C	ASTM D 7042	-	0.846	-	-
Pour point	ASTM D 97	°C	-40	-	-
Flash point	ASTM D 92	°C	238	-	-
T.B.N.	ASTM D 2896	mg KOH/g	7.1	6.6	7.6
Spectrometric analysis	ICP	ppm			
Phosphorus			750	600	800
Zinc			820	-	-
Calcium			1000	-	-
Magnesium			600	-	-
Sulfur			-	-	5000
NOACK volatility	ASTM D 5800	% mass	7.1	-	15.0
Colour	ASTM D 1500	-	3.0	-	4.0

**Security**

See Safety Data Sheet