ARECA FUNARIA M7015

Engine oil 15W-40 HD TBN 15

Engine oil for heavy duty vehicles and public works appliances.

ARECA FUNARIA M7015 has been studied to offer anti-wear properties and optimal detergency to keep engine cleanliness and ensure its longevity. Its high TBN (Total Base Number) value notably reinforces the dispersant and detergent properties which help to maintain engine cleanliness and limit fouling and formation of deposits when using fuel with high sulphur contents.

Always refer to the manufacturer's recommendations before using the product.

Specifications

Suitable for use :

- ✓ ACEA E7
- ✓ API CI-4 / SL
- ✓ DTFR 15B110 (MB 228.3)
- ✓ MAN 3275
- ✓ Volvo VDS-3
- ✓ Deutz DQC-III
- ✓ MTU Type 2.0
- ✓ Mack EO-N
- ✓ Cummins CES 20077 / 20078
- ✓ Caterpillar ECF-1a / ECF-2
- ✓ Renault RLD-2
- ✓ JASO DH-1
- ✓ Global DHD-1
- ✓ DDC 93k215

Physicochemical Characteristics

Characteristics	Method	Unit	Typical value	Min.	Max.
Viscosity grade	SAE J300	-	15W-40	-	-
Kinematic viscosity @ 100°C	ASTM D 7042	cSt	14.6	13.9	16.3
Kinematic viscosity @ 40°C	ASTM D 7042	cSt	102	-	-
Viscosity index	ASTM D 2270	-	148	-	-
CCS viscosity @ -20°C	ASTM D 5293	mPa.s	4600	-	7000
HTHS viscosity @ 150°C	ASTM D 4683	mPa.s	4.1	3.7	-
MRV viscosity @ -25°C	ASTM D 4684	mPa.s	22600	-	60000
Density @ 20°C	ASTM D 7042	-	0.869	-	-
Pour point	ASTM D 97	°C	-42	-	-27
Flash point	ASTM D 92	°C	231	215	-
T.B.N.	ASTM D 2896	mg KOH/g	15.4	14.8	16.2
Spectrometric analysis Phosphorus Zinc Calcium	ICP	ppm	 1000 1100 5300	 - 800 -	 - - -
NOACK volatility	ASTM D 5800	% mass	8.8	-	12.0
Colour	ASTM D 1500	-	4.0	-	5.0

Security

See Safety Data Sheet