



ATLANTIC GREEN - HYBRID

Premium full synthetic "Low Ash" oils

PRODUCT DATA

DESCRIPTION

ATLANTIC GREEN – HYBRID Engine Oil series are premium fully synthetic oils using the latest advances in low to mid SAPS (Sulphated Ash, Phosphorus and Sulphur) additive technology and features low volatility synthetic base oil that minimizes oil loss.

APPLICATIONS

ATLANTIC GREEN – HYBRID Engine Oil series are designed for use in modern 4, 6 & 8+ cylinder multi-cam, multi-valve (including VVT), naturally aspirated, supercharged & turbocharged, low emission petrol engines, including petrol/electric Hybrid.

PROPERTIES

ATLANTIC GREEN – HYBRID Engine Oil series are formulated for use in vehicles that require low viscosity fuel efficient engine oils as specified by the manufacturer. Applications include Chrysler, Jeep, Dodge, Ford (FPV), Jaguar, Land Rover, Range Rover, Subaru, Honda, Volkswagen / Audi / Skoda / Seat vehicles and many other manufacturers who specify low viscosity engine oils. It is also suitable for hybrid engines in Toyota/Lexus and Honda as well as others using this technology. ATLANTIC GREEN – HYBRID Engine Oils should not be used where normally higher viscosity engine oil is recommended by the manufacturer.

PERFORMANCE FEATURES AND BENEFITS

- MAXIMUM wear protection, minimum sludge formation & reduced piston deposits
- MAXIMISES fuel economy
- CATALYST and Oxygen sensor friendly
- LATEST petrol API SN oil specification
- Optimized for HYBRID petrol/electric vehicles
- Superior cold engine start up performance, minimizing friction and wear at start-up
- Excellent resistance to viscosity and thermal breakdown even in extreme service

INDUSTRY SPECIFICATIONS:

0W-16: API SN(Resource Conserving) - Hybrid, Petrol / E10

0W-20: API SM, SN (Resource Conserving), ILSAC GF-4,GF-5 - Petrol/E10, LPG (Gas)/Dual Fuel, Hybrid, E85

5W-20: API SN (Resource Conserving), ACEA C2, A5/B5, ILSAC GF-5 - Petrol/E10, Diesel, Diesel with DPF, Hybrid

5W-30: API SN(Resource Conserving), ILSAC GF-5, ACEA C3, BMW Long Life-04, MB 229.51 / 229.31,

VW 505 01 (2005), Porsche C30 - Petrol/E10, Diesel, Diesel with DPF

TYPICAL TECHNICAL PROPERTIES

Viscosity Grade, SAE J300	0W-16	0W-20	5W-20	5W-30
Product code	12400AL	12401AL	12402AL	12403AL
Density at 15°C, g/ml, ASTM D4052	0.848	0.848	0.845	0.852
Cold Cranking Viscosity(CCS), mPa.s, ASTM D5293	4420 @-35°C	5160 @-35°C	5200@-30°C	5950@-30°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	39	43	470	68.3
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	7.6	8.3	8.70	11.7
Viscosity Index, ASTM D2270	168	171	166	169
Flash Point(COC), °C, ASTM D92	228	230	228	230
Pour Point, °C, ASTM D97	-51	-51	-45	-45
Total Base Number, mg KOH/g, ASTM D2896	7.9	7.9	6.62	6.62
Sulphated Ash, %wt, ASTM D874, max	0.90	0.87	0.7	0.7
Zinc, %wt, ASTM D5185, max	0.094	0.085	0.086	0.085
Phosphorus, %wt, ASTM D5185, max	0.077	0.077	0.075	0.075

Note: These characteristics are typical of current production. While future production will conform to Atlantic's specification, variations in these characteristics may occur.



Packing : 700|800ml,1|2|3|4|5|6.5|7|8|16|18|20|25|200|205|208|210L,1|5|20|55 USQ

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* supersedes all previous versions