



## ATLANTIC GREEN – HYBRID

*(Premium full synthetic “Low Ash” oils)*

### DESCRIPTION

**ATLANTIC GREEN – HYBRID** is 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** is 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** is 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** 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 SP 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**

### Recommendations

API SP

ILSAC GF-6

Meets quality requirements of most diesel engine manufacturers in the USA, Europe, Japan and Korea

### TYPICAL TECHNICAL PROPERTIES

|   |            |            |            |
|---|------------|------------|------------|
| Viscosity Grade, SAE J300                                   | 0W-16      | 0W-20      | 5W-20      |
| Product code  | 11458-HT   | 11458-HT   | 11458-HT   |
| Density at 15°C, g/ml, ASTM D4052                           | 0.846      | 0.848      | 0.848      |
| Cold Cranking Viscosity(CCS), mPa s, ASTM D5293             | 5010@-35°C | 5160@-35°C | 5800@-30°C |
| Kinematic Viscosity at 40°C, mm <sup>2</sup> /s, ASTM D445  | 34.8       | 43         | 62.9       |
| Kinematic Viscosity at 100°C, mm <sup>2</sup> /s, ASTM D445 | 6.9        | 8.3        | 10.9       |
| Viscosity Index, ASTM D2270                                 | 163        | 171        | 166        |
| Flash Point(COC), °C, ASTM D92                              | 216        | 226        | 226        |
| Pour Point, °C, ASTM D97                                    | -45        | -45        | -45        |
| Total Base Number, mg KOH/g, ASTM D2896                     | 7.0        | 7.1        | 7.1        |

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

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\* supersedes all previous versions

*Health and Safety: Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contact office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing off used product, take care to protect the environment.*