

CHAMPION OEM SPECIFIC 0W20 MS-V

This is a full synthetic lubricant based on carefully selected very high quality base oils, specially developed for the gasoline and diesel direct injection Volvo Engine Architecture (VEA) engines. This VOLVO VCC RBSO-2AE specification demands high oxidation stability to ensure long oil drain intervals of up to 30000 km. There is a fuel economy benefit over a reference oil of 3,4 %.

APPLICATIONS

This product was primarily developed for mandatory use in the gasoline and diesel direct injection Volvo Engine Architecture (VEA) engines. This product is also usable for other OEM's passenger cars requiring this viscosity grade and ACEA A1/B1 performance, thus providing a multi vehicle oil application. It provides an extremely quick and stable lubricant film at the cold start at low temperatures and offers high thermal stability under heavy duty operating conditions.

FEATURES

Total engine protection: performance in keeping the engine clean

Fuel economy: superior fuel economy and CO2 reduction

Cold start: excellent fluidity at low temperature

PERFORMANCE

| | | | |
|-------------|----------|--------------|--------------|
| ACEA | A1/B1-12 | FIAT | 9.55535-DM1 |
| ACEA | C5-16 | FIAT | 9.55535-DSX |
| API | SN | VOLVO | VCC RBSO-2AE |

TYPICAL CHARACTERISTICS

| Test | Method | Unit | Average results |
|------------------------------|------------|--------------------|-----------------|
| Density at 15°C | ASTM D4052 | g/ml | 0.845 |
| Kinematic viscosity at 40°C | ASTM D445 | mm ² /s | 47.9 |
| Kinematic viscosity at 100°C | ASTM D445 | mm ² /s | 9.0 |
| Viscosity index | ASTM D2270 | | 172 |
| B.N. (HCL04 method) | ASTM D2896 | mg KOH/g | 7.8 |
| Pour point | ASTM D6892 | °C | -48 |
| Sulfated Ash | ASTM D874 | Mass % | 0.8 |
| Flash Point COC | ASTM D92 | °C | 224 |

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

CHAMPION CHEMICALS NV

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