



## ASTRA MS FULLY SYNTHETIC

### PRODUCT DESCRIPTION:

ASTRA MS oils are high-performance fully synthetic engine oils engineered for exceptional engine protection. Meeting the requirements of "Mid SAPS" passenger car lubricants, they contain 0.08% phosphorus and 0.8% sulfated ash levels. These oils offer enhanced oxidation resistance, superior deposit and wear protection, improved fuel efficiency, and excellent low-temperature performance throughout their lifespan.

### APPLICATION:

Suitable for gasoline and diesel fueled automobiles requiring ACEA C3 or ACEA C5 and API SN/CF class engine oils in select SAE viscosity grades.

### FEATURES & BENEFITS:

- Outstanding wear protection under a wide variety of operating conditions.
- Special cleaning additive to help prevent the formation of sludge and harmful deposits.
- Optimal engine operating temperature, owing to thermal control formula.
- Limits formation of deposits on the most loaded engine parts.
- Provides safe operation of catalytic exhaust converters.
- Resistant to extreme thermal load, due to high quality of base oil.
- Enables fast and easy start in extreme temperature conditions.

### PERFORMANCE LEVELS / MEETS OR EXCEEDS:

| SAE GRADES | 0W-20        | 0W-30         | 0W-40         | 5W-20     | 5W-30         | 5W-40         |
|------------|--------------|---------------|---------------|-----------|---------------|---------------|
| API        | SN/CF        | SN/CF         | SN/CF         | SN/CF-RC  | SN/CF         | SN/CF         |
| ACEA-23    | C5/C6        | C2/C3         | C3            | C5/C6     | C2/C3         | C3            |
| ILSAC      | -            | -             | -             | GF-5      | -             | -             |
| JLR        | 51.5122      | -             | -             | 03.5004   | -             | -             |
| MB         | 229.71       | 229.52/226.5  | 229.52/226.5  | -         | 229.52/226.5  | 229.52/226.5  |
| BMW        | -            | LL-04         | LL-04         | -         | LL-04         | LL-04         |
| Renault    | -            | RN0700/0710   | RN0700/0710   | -         | RN0700/0710   | RN0700/0710   |
| GM         | -            | Dexos 2       | Dexos 2       | -         | Dexos 2       | Dexos 2       |
| Porsche    | -            | -             | C40           | -         | -             | C40           |
| Volvo      | VCC RB50-2AE | -             | -             | -         | -             | -             |
| Ford       | -            | -             | -             | 948A/948B | -             | 917A          |
| VW         | -            | 505 00/505 01 | 505 00/505 01 | -         | 505 00/505 01 | 505 00/505 01 |

### TYPICAL PROPERTIES:

| PARAMETERS                          | ASTM  | UNIT  | ASTRA MS |       |       |       |       |       |
|-------------------------------------|-------|-------|----------|-------|-------|-------|-------|-------|
|                                     |       |       | 0W-20    | 0W-30 | 0W-40 | 5W-20 | 5W-30 | 5W-40 |
| SAE Grades                          |       |       |          |       |       |       |       |       |
| Kinematic Viscosity @ 104°F / 40°C  | D445  | cSt   | TBR      | TBR   | TBR   | TBR   | TBR   | TBR   |
| Kinematic Viscosity @ 212°F / 100°C | D445  | cSt   | 8.7      | 11.8  | 14.9  | 8.9   | 11.6  | 15    |
| Viscosity Index (min)               | D2270 | -     | 150      | 160   | 170   | 150   | 160   | 160   |
| Density@15°C/ 60°F                  | D4052 | g/cm³ | TBR      | TBR   | TBR   | TBR   | TBR   | TBR   |
| Flash Point (min)                   | D92   | °C    | 220      | 220   | 220   | 220   | 220   | 220   |
| Pour Point (max)                    | D97   | °C    | -39      | -39   | -39   | -39   | -39   | -39   |

**DISCLAIMER:** The test data presented above is for reference only and not a specification. It may vary within acceptable production tolerances. Alpha reserves the right to update this data, with the latest version of the Technical Data Sheet (TDS) taking precedence over previous versions.

### HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil may lead to skin issues. Avoid contact. If contact occurs, wash immediately with soap and water. Do not dispose of used oil in drains or the environment. Instead, take it to an authorized oil collection facility. For more safety information, please refer to the MSDS available on our website: [www.alphaoil.ae](http://www.alphaoil.ae)

### HEALTH & SAFETY:

When used correctly in the recommended application and with proper personal hygiene, this product is unlikely to pose significant health or safety risks. For detailed safety information, refer to the Safety Data Sheet (SDS), available upon request from your local sales office or online. [www.alphaoil.ae](http://www.alphaoil.ae)

### PROTECT THE ENVIRONMENT:

Dispose of used oil at an authorized collection point. Follow local regulations and avoid releasing it into drains, soil, or water.

### STORAGE:

We recommend storing all packages under cover. If outdoor storage is necessary, drums should be placed horizontally to prevent water ingress and protect drum markings. Products should not be stored above 60°C or exposed to direct sunlight or freezing conditions.