

**Heavy Duty 2T-Diesel Engine Oil****Mineral – NGEN Core®****TYPE OF USE**

**TEKMA SUPRA 40 2T** is specifically designed for two-stroke diesel engines requiring API CF-2 specification. It provides high-quality performance for heavy-duty applications, including off-highway equipment, farm machinery and marine engines.

Formulated to effectively control cylinder and ring-face scuffing and minimize deposits, this oil is also suitable for some heavy-duty manual transmissions in trucks and buses. Its versatility and performance make it ideal for a wide range of demanding diesel engine applications.

The robust **NGEN Core®** formulation combines premium re-refined and virgin base oils with advanced additive technology, ensuring dependable protection and performance under the severe operating conditions typical of heavy-duty equipment and fleet operations.

**PERFORMANCES**

**STANDARDS** API CF/CF-2 (replaces API CD II)

**API CF-2** is an engine oil specifications tailored for two-stroke diesel engines that require specialized protection against cylinder and ring-face scuffing as well as deposits on piston, cylinder and valve.

Detroit Diesel 2-stroke industrial engines, commonly found in construction, machinery, generators, and marine applications, are sensitive to high-sulfated ash in engine oils. To ensure optimal performance and longevity, these engines require oils meeting the specific API CD II standard. **TEKMA SUPRA 40 2T**, with a sulphated ash content below 1%, is specifically formulated to meet the stringent requirements of these engines.

The Zinc level of **TEKMA SUPRA 40 2T** has been kept below 900 ppm to make the product compatible with silver-based coatings, e.g. on gudgeon piston pin bearings. This oil offers a high TBN value to effectively manage the challenges posed by high-sulfur diesel fuel.



## MOTUL TEKMA SUPRA 40 2T

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### RECOMMENDATIONS

Can be mixed with synthetic or mineral oils. Oil changes should be performed according to the manufacturer's recommendations. Consult your vehicle's owner's manual or contact a dealer for specific guidelines, as they vary.

We also recommend the use of an oil monitoring program to optimize oil change intervals and maximize equipment protection.

### PROPERTIES

|                            |            |                          |
|----------------------------|------------|--------------------------|
| Color                      | ASTM D1500 | Amber                    |
| Viscosity grade            | SAE J 300  | 40                       |
| Density at 20°C (68°F)     | ASTM D1298 | 0.883                    |
| Viscosity at 40°C (104°F)  | ASTM D445  | 133.0 mm <sup>2</sup> /s |
| Viscosity at 100°C (212°F) | ASTM D445  | 14.7 mm <sup>2</sup> /s  |
| Viscosity Index            | ASTM D2270 | 111                      |
| Pour point                 | ASTM D97   | -27.0 °C / -17.0 °F      |
| TBN                        | ASTM D2896 | 13.0 mg KOH/g            |
| Flash point                | ASTM D92   | 224 °C / 435 °F          |

We retain the right to modify the general characteristics of our products in order to offer to our customers the latest technical development.

Product specifications are definitive from the order which is subject to our general conditions of sale and warranty.

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