



PRODUCT DATA SHEET

EXN - Emplios SAE 5W40 API CJ-4/SM - Fully Synthetic

Power Extreme Performance Heavy Duty Oil Design

DESCRIPTION

A multigrade Fully Synthetic motor oil for the Heavy Duty diesel engines of vehicles. EXN blend a range of Heavy Truck, Commercial and Farm lubricants that meets and exceed the requirements for major truck and engine manufacturers. It helps to decrease oil consumption extend oil drain intervals, reduce waste-oil disposal, improve equipment reliability and lower the overall operating and maintenance costs. It's resistance to oxidation, helps to ensure that fuel economy benefits do not diminish as service intervals are extended. It also combats extreme conditions to maximize component life, extend drain intervals and improve fuel economy. This engine oil contains an effective additive system and the unique service requirements of diesel engines equipped with new generation low emission systems, such as diesel particulate filters (DPF), exhaust gas recirculation (EGR) and diesel oxidation catalysts (DOC).

FEATURES AND ADVANTAGES

- * Ideal for engines with the exhaust gas recirculation system (EGR) and is recommended for engines Euro-3 (2).
- * Improves equipment reliability and decreases cost
- * Superior oxidation resistance for longer drain service
- * Superior film thickness and shear stability
- * High TBN for longer service life and better protection from corrosive gases and contaminants

PRODUCT PERFORMANCE CLAIM

STANDARDS * API CJ-4, CI-4 Plus, CI-4, CH-4, CG-4, CF-4, CF / SM / ACEA E-9, E-7, E-5,

OEM APPROVAL * Mack EO-O Premium Plus 07, Volvo VDS-4, VDS-3, Cummins CES 20081, 20078, 20077, 20076
Daimler Benz 228.3, 228.1, CAT ECF-1, ECF-1A, ECF-3, C1P, MAN M3275, JASCO DH-1,

TECHNICAL DATA PROPERTIES

| TEST PARAMETER | METHOD | TYPICAL RESULT |
|-----------------------------|------------|----------------|
| Viscosity grade | SAE J 300 | 5W-40 |
| Colour | ASTM D1500 | 3.5 |
| Density @ 15oC | ASTM D4052 | 0.85 |
| Kinematic Viscosity @ 40°C | ASTM D7042 | 81.3 |
| Kinematic Viscosity @ 100°C | ASTM D7042 | 13.35 |
| Viscosity Index | ASTM D2270 | 166 |
| Flash Point, °C | IP 523 | 210 |
| Total Base Number | ASTM D2896 | 10.5 |
| Pour Point, °C | ASTM D97 | -38 |
| Cold Crank Visc @ -30°C | ASTM D5293 | 5250 |



Product Number : E-HD-5W40-CJ4SM-FS

Available Pack : 1L, 7L, 18, 20 & 200L

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY

HEALTHY 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 contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

