



DEOTEC ADVANCE PLUS

SEMI SYNTHETIC / MINERAL

PRODUCT DESCRIPTION:

DEOTEC ADVANCE PLUS is a high-performance heavy-duty engine oil designed to deliver superior lubrication for modern diesel and gasoline engines operating under demanding conditions. It is formulated with advanced additives and synthetic base oils to meet current API and OEM standards for volatility and oxidation resistance. DEOTEC ADVANCE PLUS meets API CI-4 Plus specifications, ensuring enhanced oxidation stability, effective soot control, reduced roller follower wear, and minimized aeration for reliable engine performance.

APPLICATION:

DEOTEC ADVANCE PLUS provides demonstrated protection and performance in the latest high-power heavy-duty diesel engines from Europe, US, and Japanese manufacturers in both on-highway and off-highway applications.

FEATURES & BENEFITS:

- Full film lubrication at operating temperatures
- Excellent low temperature flow properties for startup and cold weather use
- Outstanding soot control
- Exceptional engine cleanliness
- Outstanding anti-wear, oxidation control and friction control

PERFORMANCE LEVELS /MEETS OR EXCEEDS:

- API CI-4 Plus /SL
- ACEA E7
- DTRF 15B110
- MAN M3275
- Volvo VDS-4
- Deutz DQC III-10
- MIL-PRF-2104G
- MACK EO-N Premium Plus
- Cummins CES 20081
- Renault RLD3
- DDC 93K215
- Allison C4

TYPICAL PROPERTIES:

| PARAMETERS | ASTM | UNIT | DEOTEC ADVANCE PLUS | | |
|------------------------------------|-------|-------------------|---------------------|---------------|---------------|
| | | | 10W-40 | 15W-40 | 15W-50 |
| Grade | | | TBR | TBR | TBR |
| Kinematic Viscosity @ 104°F /40°C | D7042 | cSt | TBR | TBR | TBR |
| Kinematic Viscosity @ 212°F /100°C | D7042 | cSt | 15.1 | 15.2 | 19 |
| Viscosity Index (min) | D2270 | - | 145 | 135 | 135 |
| Density@15°C/ 60°F | D4052 | g/cm ³ | TBR | TBR | TBR |
| Flash Point (min) | D92 | °C | 220 | 220 | 220 |
| Pour Point (max) | D97 | °C | -36 | -33 | -33 |
| TBN | D2896 | mg KOH/g | 11.5 | 11.5 | 11.5 |
| CCS | D5293 | m.Pa.S | <7000 (-25°C) | <7000 (-20°C) | <7000 (-20°C) |

DISCLAIMER: The test data provided above is for reference purposes and is not a strict specification, as variations within acceptable production tolerances may occur. Phoenix reserves the right to update or revise this test data. For the most accurate and up-to-date information, please consult the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website Phoenixlubricants.com