



TITAN DIESEL PLUS 20W-50

High-performance oil for variety of diesel engines. Specially for highly-loaded commercial vehicle diesel engines.

Description

Fuchs Titan Diesel Plus has been specially formulated to possess the high detergency/dispersancy, wear protection and acid neutralizing capacity needed to satisfy the stringent requirements of the new API specification CF-4. The product fully meets the requirements of engine builders such as Caterpillar, Cummins, Detroit Diesel, Mack, and Mercedes Benz etc.

Additional Quality Features

- Reduces piston crown deposits.
- Minimizes carbon build up behind piston rings.
- Minimizes piston ring sticking tendencies.
- Reduces cylinder bore polishing.
- Reduces oil consumption even after extensive service.
- Keeps engine interiors clean and free of sludge, carbonaceous deposits and lacquer.
- Keeps soot and combustion debris in suspension thus keeping the engine clean.
- Minimizes valve train wear, piston ring and bearing wear resulting in long engine life.

Application

Fuchs Titan Diesel Plus can be used in all direct injection (DI) diesel engines in operation today except where SHPD or Zinc free oil is specified by the engine manufacturer.

Specifications / Approvals

| | |
|----------------|------------------|
| API CF-4 / SJ | ACEA 07-E2 |
| VOLVO VDS-2 | ACEA 04-E2 |
| MAN 271 | ACEA 02-E2/B2/A2 |
| MACK EO-L Plus | |
| MTU Type 1 | |

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Product Characteristics*

| Properties | Unit | Value | Test Method |
|-------------------------------|----------|--------|-------------|
| SAE Grade | | 20W-50 | DIN 51 511 |
| Specific Gravity@ 85/85 °F | g /mL | 0.8875 | ASTM D-1298 |
| Kinematic Viscosity, @ 100 °C | cSt | 19.4 | ASTM D-445 |
| Kinematic Viscosity, @ 40 °C | cSt | 172 | ASTM D-445 |
| Viscosity Index | - | 129 | ASTM D-2270 |
| Apparent Viscosity, @ -15 °C | cP | 9000 | ASTM D-5293 |
| Flash Point, COC | °C | 236 | ASTM D-92 |
| Pour Point | °C | -24 | ASTM D-97 |
| TBN | mg KOH/g | 11 | ASTM D-2896 |

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* While the information and figures given here are typical of current production and confirm to specification, minor variations may occur. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the product.

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