



D-3 PLUS

Diesel Engine Oil

Product Description

- **D-3 PLUS** : High quality monograde heavy-duty diesel engine oils, SAE 30, 40 and 50, exceeding API CF level. It provides engine protection, keep engine clean, prevent corrosion and reduce piston deposit.

Features/Benefits

- Gives superb engine wear protection
- Extra detergent to provides more engine cleanliness
- Protects against corrosion, harmful sludge build-up and reduces piston deposit

Applications

- Recommended for heavy-duty diesel engines of commercial vehicle such as trucks, buses and heavy equipment
- Suitable to use in certain transmission systems which require monograde diesel engine oil
- Can be used for diesel engine pickup trucks that required monograde
- Choosing viscosity grade following by the manufacturers' recommendations

Performance Standards

- | | | |
|--------------------|---------------|--------------|
| - API CF/CF-2/SF | - ACEA E2-96 | - MAN 270 |
| - MB 228.0 | - MIL-L-2104D | - MTU Type I |
| - Caterpillar TO-2 | - Allison C-4 | |

Key Properties

	SAE 30	SAE 40	SAE 50
- Density @ 15 °C, g/cm ³	0.892	0.897	0.900
- Viscosity @ 100 °C, cSt	10.9	15.1	19.2
- Viscosity @ 40 °C, cSt	92	152	218
- Viscosity Index	103	100	100
- Total Base Number, mg KOH/g	10.8	10.8	10.8
- Flash Point, (COC), °C	240	242	260
- Pour Point, °C	-21	-18	-12

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