

PRAGOS XHD LSP

Low SAPS UHPD-HC-Synthetic Heavy Duty Diesel Engine Oil

Description:

PRAGOS XHD LSP is an HC synthetic high- performance engine oil that meets the highly complex tribological requirements of the EURO 5 and EURO 6 commercial vehicle engine generation in an excellent way.

This engine oil was developed for exhaust aftertreatment systems (particle filters).

PRAGOS XHD LSP is designed for use in heavily loaded commercial vehicle diesel engines under all operating conditions.

As an UHPD oil, it achieves maximum oil change intervals (up to 100.000 km- depending on the manufacturer's instructions) and can be used for all trucks, construction machinery, buses, agricultural vehicles, etc.

Characteristics

- Low Saps (Low Ash) technology
- Highest wear protection
- Exceptional ageing and oxidation stability
- Reduces formation of ageing products at high temperatures
- Low volatilization tendency
- Excellent viscosity-temperature behaviour
- Excellent lubrication in range of highest temperatures
- Good elastomer compatibility

Effects

- Especially for the latest EURO 5 and EURO 6 engine generation
- Improved economy viability by extended inspections-intervals (up to 100.000 km)
- Fuel efficiency by lightrun properties
- Minimum wear at highly strained engines
- All-year operation
- Protection against reflector surface formation
- Guarantee for absolutely clean motors and particle separators.

Usable for

| | |
|--------------------------------|------------------|
| SAE | 10W-40 |
| API | CK-4 |
| ACEA | E6/E7/E9 |
| We recommend this product for: | |
| CATERPILLAR | ECF-3 |
| CUMMINS | CES 20086 |
| DAF | |
| DETROIT DIESEL | DDC 93K222 |
| DEUTZ | DQC IV-18 LA |
| JASO | DH2 |
| MACK | EOS 4.5 |
| MAN | M 3477, M 3271-1 |
| MB | 228.51 |
| MB | 226.9 |
| MTU | Typ 3.1 |
| RENAULT TRUCK | RXD, RGD |
| RENAULT VI | RLD-3 |
| SCANIA | Low Ash |
| VOLVO | VDS 4.5, CNG |

Utilization

- Commercial vehicle diesel engines
- with multivalve-technology
- with turbo charging
- with catalyst technology
- with particulate filter

Disposal:

- **PRAGOS XHD LSP** is assigned to category 2 of used oils and thus is free for disposal.

Miscibility:

- **PRAGOS XHD LSP** is miscible with comparable lubrications. It is recommended to take only **PRAGOS XHD LSP** when refilling

Data are subject to change.

Attention: Service instructions should be observed!

STL/MO/NKW/-
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PRAGOS XHD LSP

| Article No. | Packaging unit | |
|--------------|----------------|--------|
| STL 1090 955 | Can | 20 L |
| STL 1090 956 | Drum | 60 L |
| STL 1090 958 | Drum | 200 L |
| STL 1490 959 | PE-Container | 1000 L |

Typical characteristics:

| | | |
|----------------------------|--------------------|------|
| Specific weight at 15°C | kg/m ³ | 857 |
| Dynamic viscosity at -25°C | mPa.s | 4680 |
| Viscosity at 40°C | mm ² /s | 97 |
| Viscosity at 100°C | mm ² /s | 14,8 |
| Viscosity index | | 160 |
| Flash point COC | °C | 234 |
| Pourpoint | °C | -36 |
| TBN | mgKOH/g | 11 |
| Sulphate ashes | % | 0,95 |
| Phosphorus content | mass. % | 0,08 |
| Sulphur content | mass. % | 0,28 |

