

Infineum D3375

Description

Infineum D3375 is a top tier quality, 'Full SAPS' heavy duty diesel additive package which can be used to formulate an SAE 10W-40 oil meeting the performance requirements listed below. The package is blended at a 14.6% treat level in Yubase group III and Exxon Mobil group 1 base stocks with Infineum SV261 viscosity modifier.

Performance

| Performance Level: | SAE Viscosity Grade: | Mass %: |
|----------------------------------|----------------------|---------|
| ACEA E7-08 Issue 2/E4-08 Issue 2 | 10W-40 | 14.6 |
| MB-Approval 228.5 | | |
| MAN M 3277 | | |
| MTU Oil Category 3 | | |
| Volvo VDS-3 | | |

Typical Inspections

| Property: | Value ^(a) : | Unit: | Method ^(b) : |
|-----------------------------|------------------------|----------|-------------------------|
| Appearance | Brown viscous liquid | | ITM 50-022 |
| Base Number | 91 | mg KOH/g | ASTM D2896 |
| Calcium | 1.77 | %(m) | ASTM D4927 |
| Flash Point Deg C | 110 Minimum | °C | ASTM D93 |
| Kinematic Viscosity @ 100 C | 173 | cSt | ASTM D445 |
| Kinematic Viscosity @ 40 C | 3931 | cSt | ASTM D445 |
| Magnesium | 0.69 | %(m) | ASTM D5185 |
| Mineral Oil | 51 | %(m) | Calculated |
| Nitrogen | 0.61 | %(m) | ASTM D5291 |
| Phosphorus | 0.99 | %(m) | ASTM D4927 |
| Zinc | 1.09 | %(m) | ASTM D4927 |

(a)Not a specification, (b)Methods typically used by Infineum manufacturing plants

Handling / Precautions

Follow precautions normally taken for handling lube oil stocks. This product is temperature sensitive. Do not heat over the maximum loading / unloading temperature to avoid possible release of extremely odorous alkyl mercaptans and/or toxic hydrogen sulfide.

Localized high temperatures should be avoided during heating, especially when product cannot be agitated. Electrical, steam or hot oil heating systems with a self limiting maximum temperature not exceeding 120 Deg. C/250 Deg. F (e.g. low pressure steam at 2 bar(g) or 30 psig) are recommended.

It is strongly recommended that for long term storage the temperature should not exceed 50 °C.

| | |
|------------------------------|----------------|
| Min Load/Unload Temp: | 55 °C (131 °F) |
| Max Load/Unload Temp: | 65 °C (149 °F) |
| Vis @ Min Load/Unload Temp: | 1,470 cSt |
| Vis @ Max Load/Unload Temp: | 835 cSt |
| Maximum Storage Temperature: | 60 °C (140 °F) |
| Do not reheat above: | 65 °C (149 °F) |

For detailed data please refer to the relevant MSDS.

Version: 26 October 2012 (1.0)

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