



## MTU Off Highway Oil Monograde Engine Oil (SAE40)

Monograde, high performance oils for turbo and non turbo gasoline and diesel engines. Specially developed for off-road vehicles and stationary applications.

### Features and Benefits

**MTU Off Highway Oil** is used for the necessary streamlining of lubricants, above all for vehicle and equipment fleets. The right engine oil is available with **MTU Off Highway Oil**. Whether continuously at full throttle, or in STOP and GO operation.

**MTU Off Highway Oil** protects against wear, deposits and corrosion all the time with the lowest oil consumption. Another important point for use in practice; engine lubricated with **MTU Off Highway Oil** have no sacrifices in performance because of unallowable deposits in the combustion chambers.

**MTU Off Highway Oil** provides for proper function of hydraulic valve lifters (hydraulic valve compensation) even during extended oil change intervals.

### Advantages and Potential Benefits

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| No residue in the combustion chambers, on valve and piston or on exhaust gas turbines of turbochargers.      |
| Is active over the long term and makes possible the full utilization of the oil and filter change intervals. |
| Offers the lowest oil consumption.   |
| Less wear leading to increased engine life.  |
| Excellent protection against oil thickening and sludge build up.   |

### Applications

- Naturally aspirated and turbo charged engines.
- On and Off highway application including Trucks, Construction, Mining, Quarrying and Agriculture.
- Extended oil drain applications.
- Stationary engines in Stop and Go or full throttle applications.

### Specifications and Approvals

#### MTU Off Highway Oil SAE 40 Meets or Exceeds the following OEM approvals:

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|------------------------|
| ACEA E2                |
| API CF-4/SG            |
| MTU DDC TYP-2 (SAE 30) |
| DEUTZ DQC I-02         |
| MAN 270                |
| MB-APPROVAL 235.12     |
| MB-APPROVAL 228.0      |
| ZF TE-ML 02C, 04B      |
| ALLISON C4             |
| CAT-TO-2               |
| MIL-L-2104 D           |



## Typical Properties

Property	Value	Test Method
SAE Grade	40	SAE J300
Kinematic Viscosity @ 40 °C	130 cSt	ASTM D445
Kinematic Viscosity @ 100 °C	14.75 cSt	ASTM D445
Viscosity Index	95 min	ASTM D2270
Density @ 15 °C	0.893 Kg/L	DIN 51757
Total Base Number	5.8mg KOH/g	ASTM D2896/IP 276
Sulfated Ash	0.8% w/w	ASTM D874

## Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales office.

This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.