# Aral MegaTurboral 10W-40

**Premium heavy duty Diesel engine oil**

## Description

Aral MegaTurboral  with XMF® technology is an Heavy Duty Engine oil developed especially for extended drains in the latest Euro 6 standard diesel engines.

## Application

The minimized content of sulphated ash, phosphorus and Sulfur (Low SAPS Oil) makes Aral MegaTurboral  the ideal partner for the most modern engines with exhaust aftertreatment.

## Advantages

Aral “eXTra Motorschutz Formel” XMF® technology makes Aral MegaTurboral  10W-40 more resilient and notably reduces piston deposits and related abrasion.Engines are kept cleaner and wear is reduced.

Aral “eXTra Motorschutz Formel” XMF® technology performs up to 30% better in reducing the build-up of deposits and related wear.*

*Compared to API and ACEA industry requirements.

## Typical Characteristics

| Name | Method | Units | MegaTurboral 10W-40 |
|---|---|---|---|
| Density @ 15C | ASTM D4052 | g/ml | 0.868 |
| Viscosity, Kinematic 100C | ASTM D445 | mm²/s | 14.8 |
| Viscosity, CCS -25C (10W) | ASTM D5293 | mPa.s (cP) | 6100 |
| Viscosity, Kinematic 40C | ASTM D445 | mm²/s | 98 |
| Ash, Sulphated | ASTM D874 | % w t | 1.83 |
| Total Base Number, TBN | ASTM D2896 | mg KOH/g | 12.7 |
| Pour Point | ASTM D97 | °C | -42 |
| Flash Point, PMCC | ASTM D93 | °C | 211 |

## Product Performance Claims

ACEA E4, E7
API CI-4
JASO DH-1
Cummins CES 20077, CES 20078
DDC Powerguard 93K215
Deutz DQC III-18
DTFR 15B120
Mack EO-N
MAN M 3277
MTU Oil Category 3
RVI RLD-2
Volvo VDS-3

## Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.


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