

# Aral Turboral 15W-40

SHPD engine oil



## Description

Mineral oil based SHPD engine oil with excellent performance. Dedicated HD-formulation provides protection against wear and deposits, ensuring reduced maintenance costs.

## Typical Characteristics

| Name                      | Method     | Units              | Aral Turboral 15W-40 |
|---------------------------|------------|--------------------|----------------------|
| Density @ 15C             | ASTM D4052 | g/ml               | 0.875                |
| Viscosity, Kinematic 100C | ASTM D445  | mm <sup>2</sup> /s | 14.7                 |
| Viscosity, CCS -20C (15W) | ASTM D5293 | mPa.s (cP)         | 5410                 |
| Viscosity, Kinematic 40C  | ASTM D445  | mm <sup>2</sup> /s | 109                  |
| Viscosity Index           | ASTM D2270 | None               | 140                  |
| Ash, Sulphated            | ASTM D874  | % wt               | 1.42                 |
| Total Base Number, TBN    | ASTM D2896 | mg KOH/g           | 10.6                 |
| Pour Point                | ASTM D97   | °C                 | -42                  |
| Flash Point, PMCC         | ASTM D93   | °C                 | 209                  |

## Product Performance Claims

ACEA E7  
API CI-4/SL  
CAT ECF-2  
Cummins CES 20077, CES 20078  
DDC Powerguard 93K215  
Deutz DQC III-10  
Mack EO-M Plus, EO-N  
MB-Approval 228.3  
MTU Oil Category 2  
RVI RLD-2  
Volvo VDS-3  
Meets requirements of MAN M 3275-1

## 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.

Aral Turboral 15W-40

24 Jul 2018

Aral, the Aral logo and related marks are trademarks of Aral Aktiengesellschaft, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Aral Aktiengesellschaft, Geschäftsbereich Schmierstoffe, Überseeallee 1, D-20457 Hamburg

01801-11 55 11

[www.aral-lubricants.de](http://www.aral-lubricants.de)