## AD-Tec 31 10W-40

1 Litre, 5 Litre, 20 Litre \& 199 Litre

## Product Description

AD-TEC 31 10W-40 is a high performance semi synthetic oil suitable for petrol and diesel engines including turbo, fuel injection and vehicles fitted with catalytic converters. The advanced formulation offers excellent protection against engine wear and controls sludge build up.

Recommended for use by AD for the following manufacturer's specifications
ACEA: A3/B4
API: SN/CF
MB: 229.1 \& 229.3
Renault: RN0700 \& RN0710
VW: 502.00, 505.00 \& 505.01

## Product Benefits

* Ensures lubricant performance
* Excellent high \& low temperature performance
* Outstanding fuel efficiency
* Effective environmental protection


## Product Usage

For engines where this specification of lubricant is required

## Directions for Use

As recommended by the engine manufacturer

## Storage Instructions

Keep upright and sealed in a cool, dry place out of the reach of children

## Shelf Life

5 years from date of manufacture

| Appearance | $:$ Amber liquid |  |
| :--- | :--- | :--- |
| Odour | $:$ Characteristic |  |
| Solubility | $:$ | Insoluble in water |

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Percentage of Biodiesel : Nil

| Test | Method | Unit | Min. | Max. | Typical |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Kinematic Viscosity at $100^{\circ} \mathrm{C}$ | ASTM D445 | $\mathrm{mm}^{2} / \mathrm{s}$ | 12.5 | $<16.3$ | 13.46 |
| Cold Cranking Viscosity | ASTM D4684 | $\mathrm{mPa.s}$ |  | 7000 |  |
| Total Base Number | ASTM D2896 | $\mathrm{mg} \mathrm{KOH} / \mathrm{g}$ | 10 |  | 11.25 |
| Pour Point | ASTM D97 | ${ }^{\circ} \mathrm{C}$ |  | -35 | -33 |
| HTHS Viscosity | ASTM D4683 | $\mathrm{mPa.s}$ | 3.5 |  | 12 |
| NOACK Volatility | ASTM D5800 | $\%$ |  | 81.77 |  |
| Kinematic Viscosity at $40^{\circ} \mathrm{C}$ | ASTM D445 | $\mathrm{mm}{ }^{2} / \mathrm{s}$ |  |  | 0.872 |
| Density | ASTM D792 | $@ 15^{\circ} \mathrm{C}$ |  |  | 160.96 |
| Viscosity Index | ASTM D2270 |  |  |  |  |

## Safety Precautions

Please see our latest EC Safety Data Sheets for details.

## Transport Classification

Please see our latest EC Safety Data Sheets for details.

