



# TECHNICAL DATA SHEET

## AD-Tec 14 5W-20 F

5 Litre, 20 Litre & 199 Litre

### Product Description

AD-TEC 14 5W/20 F is a fully synthetic engine oil formulated for the latest intelligent Ford EcoBoost engines featuring stop/start technology. The carefully selected base oil stock and synthetic additives give this multigrade engine oil high levels of engine component protection as well as being fuel efficient.

### Recommended for use by AD for the following manufacturer's specifications

ACEA: C5

API: SN/CF

Ford: WSS-M2C948-A & WSS-M2C948-B

ILSAC: GF-5

STJLR: .03.5004



\* Image for illustrative purposes only.

| Size      | Part No | Barcode       |
|-----------|---------|---------------|
| 5 Litre   | AKD005  | 5020618202059 |
| 20 Litre  | AKD020  | 5020618202769 |
| 199 Litre | AKD199  | 5020618202981 |

### Product Benefits

- \*Long drain service intervals, subject to manufacturers recommendations
- \*Excellent engine cleanliness
- \*Protects components from wear and corrosion
- \*Excellent cold start capabilities

### Product Usage

For use where the engine manufacturer recommends this specification and viscosity of oil.

### Directions for Use

Use as per manufacturers recommendations.

### Storage Instructions

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

Revision: 1 | Date: 27/04/2022



# TECHNICAL DATA SHEET

## AD-Tec 14 5W-20 F

5 Litre, 20 Litre & 199 Litre

### Shelf Life

5 years from date of manufacture.

|                         |   |                    |
|-------------------------|---|--------------------|
| Appearance              | : | Amber liquid       |
| Odour                   | : | Characteristic     |
| Solubility              | : | Insoluble in water |
| Percentage of Base Oil  | : | Approximatly 80%   |
| Percentage of Biodiesel | : | Nil                |

| Test                       | Method     | Unit               | Min. | Max. | Typical |
|----------------------------|------------|--------------------|------|------|---------|
| Viscosity, Kinematic 100°C | ASTM D445  | mm <sup>2</sup> /s | 6.9  | <9.3 | 7.8     |
| Viscosity, CCS -30°C       | ASTM D4684 | mPa.s              |      | 6600 | 4567    |
| Total Base Number          | ASTM D2896 | mg KOH/g           | 8    |      | 9.795   |
| HTHS Viscosity             | ASTM D4683 | mPa.s              | 2.6  | <2.9 |         |
| NOACK Volatility           | ASTM D5800 | %                  |      | 13   | 11      |
| Viscosity, Kinematic 40°C  | ASTM D445  | mm <sup>2</sup> /s |      |      | 43.523  |
| Viscosity Index            | ASTM D2270 |                    |      |      | 150.55  |
| Density                    | ASTM D792  | @ 15°C             |      |      | 0.849   |
| Pour Point                 | ASTM D97   | °C                 |      | -35  | -39     |

### Safety Precautions

Please see our latest EC Safety Data Sheets for details.

### Transport Classification

Please see our latest EC Safety Data Sheets for details.