

# ENGINE OILS

## HiTEC® 22300

Multifunctional Engine Oil Additive Package



Logistic Simplicity

New Generation Multifunctional Cascade Solution

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Logistic Simplicity | New Generation Multifunctional Cascade Solution

### Application

HiTEC® 22300 is a new Multifunctional Cascade Solution covering Mainstream Motorcycle oils and Entry Tier Passenger Car and Heavy-Duty Engine Oils.

HiTEC® 22300 delivers competitive treat-rates with a simple cascade covering API SL to API SG and CF-4 with licensable claims for API SL and SJ.

These HiTEC® 22300 formulations will comply with latest JASO MA2 (T 903:2023) requirements.

### Key Performance Benefits

- Logistic Simplicity at blend plants with single core additive delivering multiple applications.
- Optimized API SL solution with coverage on key licensable viscosity grades.
- Compatible for use in selected Group I, II and III base oils.
- Robust frictional characteristics associated with JASO MA2 (T 903:2023) requirements.
- Capable of delivering low friction JASO MB (T 903: 2023) requirements with the addition of HiTEC® 4716 booster.
- Formulations are developed with Afton's versatile 25 SSI OCP VM.

### Recommended Dosage

For further information on HiTEC® 22300 cascade treat rates, please contact your Afton Chemical representative.

### Typical Characteristics

Appearance:	Dark Brown Liquid*
Density at 15°C, g/ml:	1.012*
Flash Point, °C (PMCC):	135 min.*
Kinematic Viscosity at 100°C, mm <sup>2</sup> /s:	120*
Total Base Number, mg KOH/g:	114*
Phosphorus, %wt:	1.762*

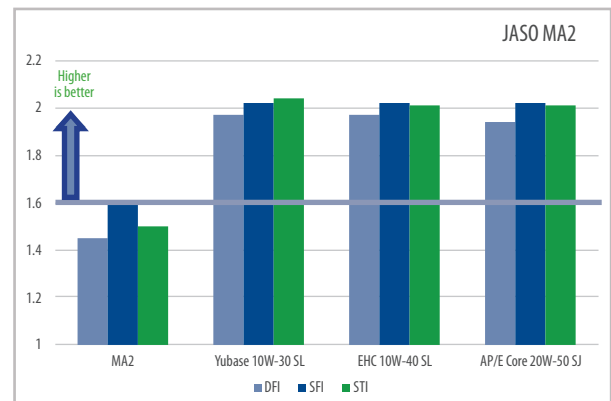
\*Specifications are to be revised with more production batches.

### Handling Information

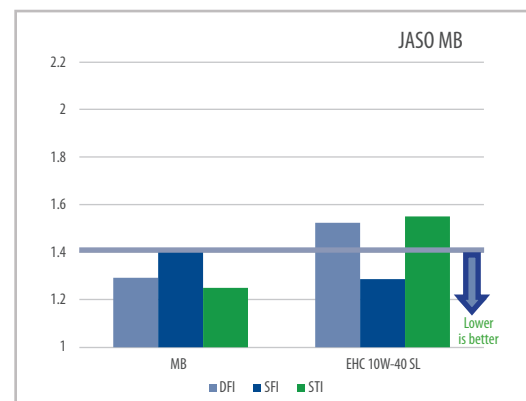
Max Handling Temp: 70 °C

Shelf Life: 24 months at ambient temperature

#### Robust Frictional Result for Good Clutch Performance (Motorcycle Application)



#### Low Frictional Result for Good Fuel Efficiency (Scooter Application)



Robust JASO MA2 with base HiTEC® 22300 pack and can deliver JASO MB with HiTEC® 4716