

## PASSENGER CAR MOTOR OILS

### Product Description

A premium quality fully synthetic engine oil which is specially formulated in association with Lamborghini Squadra Corse. Designed for racing, it's using polyalphaolefin (PAO) base oil and high performance additives to give highest performance in its class.

### Applications

FASTRON PLATINUM RACING SAE 10W-60 is designed for racing and also suitable for engine which requires SAE 10W-60 oil with above performance level.

### Typical Characteristics

Characteristics	Test Method	FASTRON PLATINUM RACING
SAE Viscosity Grade	-	10W-60
Density at 15 °C, kg/L	ASTM D4052	0.8627
Kinematic Viscosity at 40 °C, cSt	ASTM D7279	157.4
at 100 °C, cSt	ASTM D7279	23.05
Viscosity Index	ASTM D2270	176
Flash Point, °C	ASTM D92	254
Pour Point, °C	ASTM D5950	-42
Total Base Number, mg KOH/g	ASTM D2896	11

### Specification / Approvals

- API SN
- Lamborghini Squadra Corse

### Superiorities

- Delivers maximal acceleration and power output.
- Excellent shear stability and high performance additives provide engine cleanliness and maximal protection from excessive wear, even in the most demanding racing application.
- Low evaporation level that gives low oil consumption and optimum lubrication.

### Health and Safety

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## PASSENGER CAR MOTOR OILS

### Product Description

A premium quality fully synthetic engine oil formulated with polyalphaolefin (PAO) base oil and selected additives.

### Applications

FASTRON PLATINUM SAE 0W-40 is highly recommended for the latest car generation from the leading car manufacturers that operate under extreme condition.

Typical Characteristics		
Characteristics	Test Method	FASTRON PLATINUM
SAE Viscosity Grade	-	0W-40
Density at 15 °C, kg/L	ASTM D4052	0.8439
Kinematic Viscosity at 40 °C, cSt	ASTM D7279	80.60
at 100 °C, cSt	ASTM D7279	14.52
Viscosity Index	ASTM D2270	189
Flash Point, °C	ASTM D92	212
Pour Point, °C	ASTM D97	-39
Total Base Number, mg KOH/g	ASTM D2896	10

### Specification / Approvals

- API SN/CF

### Superiorities

- Offers optimum acceleration and excellent oxidation stability that gives durable performance in all driving conditions, high speed, stop and go, or heavy traffic.
- Excellent shear stability and high performance additives provide engine cleanliness and maximal protection from excessive wear.
- Low evaporation level that gives low oil consumption and optimum lubrication.

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## PASSENGER CAR MOTOR OILS

### Product Description

A synthetic premium quality engine oil which has an advanced formulation to exceed the stringent Japanese OEM specifications which require outstanding engine protection especially for Turbocharged Gasoline Direct Injection (TGDI) engine and superior fuel economy.

### Applications

FASTRON GOLD SAE 0W-20 is highly recommended for the latest car generation using modern engine technology equipped with exhaust emission system, including TGDI engine, that operate under extreme condition and require an advance fuel economy oil.

### Typical Characteristics

Characteristics	Test Method	FASTRON GOLD
SAE Viscosity Grade	-	0W-20
Density at 15 °C, kg/L	ASTM D4052	0.8547
Kinematic Viscosity at 40 °C, cSt	ASTM D7279	32.10
at 100 °C, cSt	ASTM D7279	8.575
Viscosity Index	ASTM D2270	264
Flash Point, °C	ASTM D92	226
Pour Point, °C	ASTM D5950	-39
Total Base Number, mg KOH/g	ASTM D2896	9

### Specification / Approvals

- API SP/SN
- ILSAC GF-6A/GF-5

### Superiorities

- Provides reliable protection against low speed preignition (LSPI).
- Improved high temperature deposit protection for pistons and turbochargers also provides stringent sludge and varnish control.
- Gives maximal protection against engine and timing chain excessive wear.
- Offers optimum acceleration and excellent oxidation stability that gives durable performance in all driving conditions, high speed, stop and go, or heavy traffic.
- With excellent viscosity stability in various temperature and low friction technology, provides strong support fuel economy improvement.
- Low evaporation level that gives optimum lubrication.
- Compatible with modern exhaust emission system technology and engines operating on ethanol containing fuels up to E85.

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## PASSENGER CAR MOTOR OILS

### Product Description

A synthetic premium quality engine oil.

### Applications

FASTRON GOLD SAE 5W-30 is highly recommended for the latest car generation from the leading car manufacturers, that operate under extreme condition especially gasoline engine with exhaust aftertreatment devices.

### Typical Characteristics

Characteristics	Test Method	FASTRON GOLD
SAE Viscosity Grade	-	5W-30
Density at 15 °C, kg/L	ASTM D4052	0.8466
Kinematic Viscosity at 40 °C, cSt	ASTM D7279	63.51
at 100 °C, cSt	ASTM D7279	11.07
Viscosity Index	ASTM D2270	168
Flash Point, °C	ASTM D92	240
Pour Point, °C	ASTM D97	-36
Total Base Number, mg KOH/g	ASTM D2896	8

### Specification / Approvals

- API SN/CF
- MB-Approval 229.51

### Superiorities

- Offers optimum acceleration and excellent oxidation stability that gives durable performance in all driving conditions, high speed, stop and go, or heavy traffic.
- Excellent shear stability and high performance additives provide engine cleanliness and maximal protection from excessive wear.
- Low evaporation level that gives low oil consumption and optimum lubrication.
- Compatible with modern exhaust emission system technology.
- Support fuel economy improvement.

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## PASSENGER CAR MOTOR OILS

### Product Description

A synthetic premium quality engine oil.

### Applications

FASTRON GOLD SAE 5W-40 is highly recommended for the latest car generation from the leading car manufacturers that operate under extreme condition.

### Typical Characteristics

Characteristics	Test Method	FASTRON GOLD
SAE Viscosity Grade	-	5W-40
Density at 15 °C, kg/L	ASTM D4052	0.8486
Kinematic Viscosity at 40 °C, cSt	ASTM D7279	79.81
at 100 °C, cSt	ASTM D7279	14.54
Viscosity Index	ASTM D2270	191
Flash Point, °C	ASTM D92	234
Pour Point, °C	ASTM D97	-33
Total Base Number, mg KOH/g	ASTM D2896	10

### Specification / Approvals

- API SN/CF

### Superiorities

- Offers optimum acceleration and excellent oxidation stability that gives durable performance in all driving conditions, high speed, stop and go, or heavy traffic.
- Excellent shear stability and high performance additives provide engine cleanliness and maximal protection from excessive wear.
- Low evaporation level that gives low oil consumption and optimum lubrication.

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## PASSENGER CAR MOTOR OILS

### Product Description

A synthetic high performance petrol and diesel engine oil..

### Applications

FASTRON TECHNO PLUS SAE 0W-30 is highly recommended for the latest car generation from the leading car manufacturers that operate under extreme condition especially for gasoline and diesel engines with all types after treatment devices.

### Typical Characteristics

Characteristics	Test Method	FASTRON TECHNO PLUS
SAE Viscosity Grade	-	0W - 30
Density at 15 °C, kg/L	ASTM D4052	0.8422
Kinematic Viscosity, at 40 °C, cSt	ASTM D7279	51.57
at 100 °C, cSt	ASTM D7279	10.05
Viscosity Index	ASTM D2270	186
Flash Point, °C	ASTM D92	252
Pour Point, °C	ASTM D5950	-39
Total Base Number, mgKOH/g	ASTM D2896	8

### Specification / Approvals

- API SN/CF

### Superiorities

- Stable viscosity to ensure optimal acceleration and engine protection during startup and high-temperature operation.
- Exceptional resistance to oxidation and high temperature prolongs oil lifetime.
- Reduced oil volatility leads to minimal oil consumption and ensures optimal lubrication.
- Prevents corrosion, formation of piston deposits, and maintains engine cleanliness, thus extending engine lifetime.
- Very good soot control ability and acid neutralization, that are required by Exhaust Gas Recirculation (EGR) equipped engine.

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# FASTRON TECHNO PLUS SERIES



## PASSENGER CAR MOTOR OILS

### Product Description

A synthetic high performance petrol engine oil..

### Applications

FASTRON TECHNO PLUS is highly recommended for the latest car generation from the leading car manufacturers that operate under extreme condition.

Typical Characteristics			
Characteristics	Test Method	FASTRON TECHNO PLUS	
SAE Viscosity Grade	-	5W - 30	5W - 40
Density at 15 °C, kg/L	ASTM D4052	0.8480	0.8458
Kinematic Viscosity, at 40 °C, cSt	ASTM D7279	69.99	84.90
at 100 °C, cSt	ASTM D7279	12.00	14.00
Viscosity Index	ASTM D2270	169	170
Flash Point, °C	ASTM D92	234	228
Pour Point, °C	ASTM D97	-33	-33
Total Base Number, mgKOH/g	ASTM D2896	7	7

### Specification / Approvals

- API SN/CF
- ACEA C3

### Superiorities

- Offers good oxidation stability that gives durable performance in all driving condition; high speed, stop and go, or heavy traffic.
- Good shear stability and high performance additives to provide engine cleanliness and maximum protection from excessive wear.
- Reduced oil volatility leads to minimal oil consumption and ensures optimal lubrication.

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## PASSENGER CAR MOTOR OILS

### Product Description

A synthetic high performance petrol and diesel engine oil..

### Applications

FASTRON TECHNO HD is highly recommended for the latest car generation from the leading car manufacturers such as VW, Mercedes Benz, BMW, and Porsche which requires above specifications.

Typical Characteristics		
Characteristics	Test Method	FASTRON TECHNO A5/B5
SAE Viscosity Grade	-	5W - 30
Density at 15 °C, kg/L	ASTM D4052	0.8501
Kinematic Viscosity, at 40 °C, cSt	ASTM D7279	65.35
at 100 °C, cSt	ASTM D7279	10.97
Viscosity Index	ASTM D2270	166
Flash Point, °C	ASTM D92	236
Pour Point, °C	ASTM D97	-33
Total Base Number, mgKOH/g	ASTM D2896	10

### Specification / Approvals

- API SN/CF
- ACEA C3
- VW 504.00/507.00
- MB 229.51
- BMW LL-04 - Porsche C30

### Superiorities

- Offers excellent oxidation stability that gives durable performance in all driving condition; high speed, stop and go, or heavy traffic.
- Formulated with high performance additives to provide engine cleanliness and maximum protection from excessive wear.
- Low oil volatility that gives low oil consumption and assures optimum lubrication.
- Compatible with modern exhaust emission system technology
- Support fuel economy improvement.

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## PASSENGER CAR MOTOR OILS

### Product Description

A synthetic high performance petrol and diesel engine oil.

### Applications

FASTRON TECHNO A5/B5 is highly recommended for the latest car generation from the leading car manufacturers such as VW, Mercedes Benz, BMW, and Porsche which requires above specifications.

### Typical Characteristics

Characteristics	Test Method	FASTRON TECHNO HD
SAE Viscosity Grade	-	5W - 30
Appearance	-	Clear
Density at 15 °C, kg/L	ASTM D4052	0.8480
Kinematic Viscosity, at 100 °C, cSt	ASTM D7279	11.82
Viscosity Index	ASTM D2270	174
Flash Point, °C	ASTM D92	252
Pour Point, °C	ASTM D97	-33
Total Base Number, mgKOH/g	ASTM D2896	8

### Specification / Approvals

- ACEA A5/B5 & A1/B1-12
- RN 0700
- FORD WSS-M2C-913D, WSS-M2C-913C, WSS-M2C-913B
- JAGUAR LAND ROVER ST JLR.03.5003

### Superiorities

- Offers excellent oxidation stability that gives durable performance in all driving condition; high speed, stop and go, or heavy traffic.
- Good shear stability and high performance additives to provide engine cleanliness and maximum protection from excessive wear.
- Reduced oil volatility leads to minimal oil consumption and ensures optimal lubrication.
- Support fuel economy improvement.

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## PASSENGER CAR MOTOR OILS

### Product Description

A synthetic high performance petrol engine oil..

### Applications

FASTRON TECHNO SERIES is highly recommended for the latest car generation from the leading car manufacturers that operate under extreme condition.

#### Typical Characteristics

Characteristics	Test Method	FASTRON TECHNO SERIES		
SAE Viscosity Grade	-	0W - 20	5W - 30	10W - 30
Density at 15 °C, kg/L	ASTM D4052	0.8424	0.8468	0.8507
Kinematic Viscosity, at 40 °C, cSt	ASTM D7279	45.38	64.53	65.55
at 100 °C, cSt	ASTM D7279	8.70	11.05	11.03
Viscosity Index	ASTM D2270	174	164	161
Flash Point, °C	ASTM D92	246	242	240
Pour Point, °C	ASTM D97	-39	-33	-30
Total Base Number, mgKOH/g	ASTM D2896	7	7	7

#### Typical Characteristics

Characteristics	Test Method	FASTRON TECHNO SERIES		
SAE Viscosity Grade	-	5W - 40	10W - 40	15W - 40
Density at 15 °C, kg/L	ASTM D4052	0.8505	0.8536	0.8609
Kinematic Viscosity, at 40 °C, cSt	ASTM D7279	82.93	90.73	99.28
at 100 °C, cSt	ASTM D7279	14.03	14.51	14.50
Viscosity Index	ASTM D2270	175	167	151
Flash Point, °C	ASTM D92	230	240	246
Pour Point, °C	ASTM D97	-33	-30	-24
Total Base Number, mgKOH/g	ASTM D2896	10	10	10

### Specification / Approvals

- xxW-40
  - API SN/CF
  - ACEA A3/B4
  - VW 502 00/505 00 (5W-40)
  - RN 0700 (5W-40)
- xxW-20 and xxW-30
  - API SN/GF-5

### Superiorities

- Offers excellent oxidation stability that gives durable performance in all driving condition; high speed, stop and go, or heavy traffic.
- Good shear stability and high performance additives to provide engine cleanliness and maximum protection from excessive wear.
- Reduced oil volatility leads to minimal oil consumption and ensures optimal lubrication.
- Support fuel economy improvement for SAE 5W-30 and 10W-30.

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## PASSENGER CAR MOTOR OILS

### Product Description

A high performance petrol engine oil.

### Applications

FASTRON XP SERIES is recommended for modern car generation from the leading car manufacturers, that operate under extreme condition.

### Typical Characteristics

Characteristics	Test Method	FASTRON XP SERIES			
SAE Viscosity Grade	-	5W - 30	10W - 30	10W - 40	15W - 40
Density at 15 °C, kg/L	ASTM D4052	0.8560	0.8600	0.8637	0.8656
Kinematic Viscosity at 40 °C, cSt	ASTM D7279	64.53	69.02	97.00	102.1
at 100 °C, cSt	ASTM D7279	10.96	11.03	14.50	14.51
Viscosity Index	ASTM D2270	162	151	155	147
Flash Point, °C	ASTM D92	242	248	230	248
Pour Point, °C	ASTM D5950	-33	-30	-33	-27
Total Base Number, mg KOH/g	ASTM D2896	7	7	11	7

### Specification / Approvals

- API SN/CF
- ACEA A3/B4 (for SAE 10W-40)

### Superiorities

- Excellent oxidation stability that gives durable performance.
- Provides engine cleanliness and protection from excessive wear.

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## PASSENGER CAR MOTOR OILS

### Product Description

A high quality gasoline engine oil

### Applications

FASTRON SUPER SERIES is recommended for gasoline engine oil that requires above viscosity and performance level.

### Typical Characteristics

Characteristics	Test Method	FASTRON SUPER	
SAE Viscosity Grade	-	15W - 40	20W - 50
Density at 15 °C, kg/L	ASTM D4052	0.8827	0.8881
Kinematic Viscosity, at 40 °C, cSt	ASTM D7279	108.9	176.7
at 100 °C, cSt	ASTM D7279	14.55	19.85
Viscosity Index	ASTM D2270	137	130
Flash Point, °C	ASTM D92	230	238
Pour Point, °C	ASTM D97	-24	-18
Total Base Number, mgKOH/g	ASTM D2896	7	7

### Specification / Approvals

- API SL/CF

### Superiorities

- Excellent oxidation stability that gives durable performance.
- Provides engine cleanliness and protection from excessive wear.

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