



PREMIUM QUALITY MOTORCYCLE OIL

4 T 5W-40 (FULLY SYNTHETIC) API SM/CF

Fireguard 4T Premium Quality Motorcycle Oil is a synthetic base lubricant designed for 4 stroke motorcycle engines. It contains a balanced blend of select high performance, high viscosity index base stocks and a special proprietary additives package. Fireguard 4T Premium Quality Motorcycle Oil is engineered to provide unsurpassed wear protection, engine Cleanliness and oxidation resistance, as well as consistent viscosity.

APPLICATIONS / BENEFITS :

- * Protects engine under severe operating conditions.
- * Afford maximum bearing protection
- * Maximizes obtainable engine horsepower.
- * Protects against rust and corrosion.

TYPICAL CHARACTERISTICS :

TEST DESCRIPTION	METHOD	TYPICAL RESULTS
Specific Gravity @ 15 °C	ASTM D 4052	0.861
Flash Point, °C	ASTM D 92	214
Pour Point, °C	ASTM D 97	-39
Kinematic Viscosity @ 40°C (cSt)	ASTM D 445	90.6
@ 100°C (cSt)	ASTM D 445	14.4
Viscosity Index	ASTM D 2270	165
TBN, (mgKOH/g)	ASTM D 2896	6.5
Color	ASTM D 1500	2.0

ESIONAL SDN. BHD. (876294-T)

No. 21-2, Jalan Apollo CG U5/CG, Bandar Pinggiran Subang, Seksyen U5, 40150 Shah Alam, Selangor Darul Ehsan, Malaysia. | Tel : 603-7846 2108/ 603-7846 2109 | Fax : 603-7842 2107 | Email : marketing@esional.com | Web : www.esional.com | Copyright 2013-Esional Sdn. Bhd. , All rights reserved. All specifications are subject to change without prior notice. Please contact our sales team for latest information of our products and services.



PREMIUM QUALITY MOTORCYCLE OIL

4 T 10W-40 (SYNTHETIC) API SM/CF

Fireguard 4 T Premium Quality Motorcycle Oil is a synthetic base lubricant designed for 4 stroke motorcycle engines. It contains a balanced blend of select high performance, high viscosity index base stocks and a special proprietary additives package. 4 T Premium Quality Motorcycle Oil is engineered to provide unsurpassed wear protection, engine Cleanliness and oxidation resistance, as well as consistent viscosity.

APPLICATIONS / BENEFITS :

- * Protects engine under severe operating conditions.
- * Afford maximum bearing protection
- * Maximizes obtainable engine horsepower.
- * Protects against rust and corrosion.

TYPICAL CHARACTERISTICS :

TEST DESCRIPTION	METHOD	TYPICAL RESULTS
Specific Gravity @ 15 °C	ASTM D 4052	0.868
Flash Point, °C	ASTM D 92	218
Pour Point, °C	ASTM D 97	-36
Kinematic Viscosity @ 40°C (cSt)	ASTM D 445	98.6
@ 100°C (cSt)	ASTM D 445	14.5
Viscosity Index	ASTM D 2270	152
TBN, (mgKOH/g)	ASTM D 2896	7.6
Color	ASTM D 1500	3.0

ESIONAL SDN. BHD. (876294-T)

No. 21-2, Jalan Apollo CG U5/CG, Bandar Pinggiran Subang, Seksyen U5, 40150 Shah Alam, Selangor Darul Ehsan, Malaysia. | Tel : 603-7846 2108/ 603-7846 2109 | Fax : 603-7842 2107 | Email : marketing@esional.com | Web : www.esional.com | Copyright 2013-Esional Sdn. Bhd. , All rights reserved. All specifications are subject to change without prior notice. Please contact our sales team for latest information of our products and services.



PREMIUM QUALITY MOTORCYCLE OIL

4 T 15W-40 API SJ/CF

Fireguard 4 T Premium Quality Motorcycle Oil is a multi-grade lubricant designed for 4 stroke motorcycle engines. It contains a balanced blend of select high performance, high viscosity index base stocks and a special proprietary additives package. Fireguard 4 T Premium Quality Motorcycle Oil is engineered to provide unsurpassed wear protection, engine cleanliness and oxidation resistance, as well as consistent viscosity.

APPLICATIONS / BENEFITS :

- * Reduces engine wear and extends engine life.
- * Protects engine under severe operating conditions.
- * Retards harmful deposit formation on vital engine parts.
- * Protects against rust and corrosion.

TYPICAL CHARACTERISTICS :

TEST DESCRIPTION	METHOD	TYPICAL RESULTS
Specific Gravity @ 15 °C	ASTM D 4052	0.878
Flash Point, °C	ASTM D 92	220
Pour Point, °C	ASTM D 97	-24
Kinematic Viscosity @ 40°C (cSt)	ASTM D 445	108
@ 100°C (cSt)	ASTM D 445	14.3
Viscosity Index	ASTM D 2270	135
Color	ASTM D 1500	< 2.5

ESIONAL SDN. BHD. (876294-T)

No. 21-2, Jalan Apollo CG U5/CG, Bandar Pinggiran Subang, Seksyen U5, 40150 Shah Alam, Selangor Darul Ehsan, Malaysia. | Tel : 603-7846 2108/ 603-7846 2109 | Fax : 603-7842 2107 | Email : marketing@esional.com | Web : www.esional.com | Copyright 2013-Esional Sdn. Bhd. , All rights reserved. All specifications are subject to change without prior notice. Please contact our sales team for latest information of our products and services.



PREMIUM QUALITY MOTORCYCLE OIL

4 T 20W-40 API SJ/CF

Fireguard 4 T Premium Quality Motorcycle Oil is a multi-grade lubricant designed for 4 stroke motorcycle engines. It contains a balanced blend of select high performance, high viscosity index base stocks and a special proprietary additives package. 4 T Premium Quality Motorcycle Oil is engineered to provide unsurpassed wear protection, engine cleanliness and oxidation resistance, as well as consistent viscosity.

APPLICATIONS / BENEFITS :

- * Reduces engine wear and extends engine life.
- * Protects engine under severe operating conditions.
- * Retards harmful deposit formation on vital engine parts.
- * Protects against rust and corrosion.

TYPICAL CHARACTERISTICS :

TEST DESCRIPTION	METHOD	TYPICAL RESULTS
Specific Gravity @ 15 °C	ASTM D 4052	0.887
Flash Point, °C	ASTM D 92	230
Pour Point, °C	ASTM D 97	-20
Kinematic Viscosity @ 40°C (cSt)	ASTM D 445	158
@ 100°C (cSt)	ASTM D 445	18.7
Viscosity Index	ASTM D 2270	130
Color	ASTM D 1500	< 3.0

ESIONAL SDN. BHD. (876294-T)

No. 21-2, Jalan Apollo CG U5/CG, Bandar Pinggiran Subang, Seksyen U5, 40150 Shah Alam, Selangor Darul Ehsan, Malaysia. | Tel : 603-7846 2108/ 603-7846 2109 | Fax : 603-7842 2107 | Email : marketing@esional.com | Web : www.esional.com | Copyright 2013-Esional Sdn. Bhd. , All rights reserved. All specifications are subject to change without prior notice. Please contact our sales team for latest information of our products and services.



PREMIUM QUALITY MOTORCYCLE OIL

4T HD40

4T Premium Quality Motorcycle Oil HD 40 is a economic 4 stroke motorcycle oil specially formulated with premium grade paraffinic mineral oil. Its viscosity is optimized to enhance its performance at high temperature. With its nature high viscosity index, 4T Premium Quality Motorcycle Oil HD 40 motorcycle oil gives better viscosity response towards temperature changes and therefore the engines can start much easier and oil can reach critical engine parts faster when the engine starts.

APPLICATIONS / BENEFITS :

- * Promotes engine protection.
- * Recommended for 4 stroke motorcycle engine.
- * Good in value product.

TYPICAL CHARACTERISTICS :

TEST DESCRIPTION	METHOD	TYPICAL RESULTS
Specific Gravity @ 15 °C	ASTM D 4052	0.888
Flash Point, °C	ASTM D 92	235
Pour Point, °C	ASTM D 97	-9
Kinematic Viscosity @ 40°C (cSt)	ASTM D 445	143
@ 100°C (cSt)	ASTM D 445	14.5
Viscosity Index	ASTM D 2270	100
Color	ASTM D 1500	< 3.0

ESIONAL SDN. BHD. (876294-T)

No. 21-2, Jalan Apollo CG U5/CG, Bandar Pinggiran Subang, Seksyen U5, 40150 Shah Alam, Selangor Darul Ehsan, Malaysia. | Tel : 603-7846 2108/ 603-7846 2109 | Fax : 603-7842 2107 | Email : marketing@esional.com | Web : www.esional.com | Copyright 2013-Esional Sdn. Bhd. , All rights reserved. All specifications are subject to change without prior notice. Please contact our sales team for latest information of our products and services.



PREMIUM QUALITY MOTORCYCLE OIL

2T API TA/TB

Fireguard Premium Quality Motorcycle Oil is premium quality lubricant specifically formulated to provide high levels of engine cleanliness, minimizing spark plug fouling, port blocking and scuff formation. It is suitable for all popular makes of air-cooled motorcycle engines. It can be introduced directly into the petrol tank with no prior mixing required. The petrol to oil ratio should be in accordance with the engine manufacturer's recommendations.

APPLICATIONS / BENEFITS :

- * Good engine cleanliness plus high resistance to deposit formation.
- * Cleans and completely combustible.
- * Good engine protection.
- * Maximizing engine performance.

TYPICAL CHARACTERISTICS :

TEST DESCRIPTION	METHOD	TYPICAL RESULTS
Specific Gravity @ 15 °C	ASTM D 4052	0.881
Flash Point, °C	ASTM D 92	222
Pour Point, °C	ASTM D 97	-9
Kinematic Viscosity @ 40°C (cSt)	ASTM D 445	40.1
@ 100°C (cSt)	ASTM D 445	6.14
Viscosity Index	ASTM D 2270	98
Color	-	Blue

ESIONAL SDN. BHD. (876294-T)

No. 21-2, Jalan Apollo CG U5/CG, Bandar Pinggiran Subang, Seksyen U5, 40150 Shah Alam, Selangor Darul Ehsan, Malaysia. | Tel : 603-7846 2108/ 603-7846 2109 | Fax : 603-7842 2107 | Email : marketing@esional.com | Web : www.esional.com | Copyright 2013-Esional Sdn. Bhd. , All rights reserved. All specifications are subject to change without prior notice. Please contact our sales team for latest information of our products and services.



PREMIUM QUALITY MOTORCYCLE OIL

2T API TC

Fireguard Premium Quality Motorcycle Oil 2T is premium quality lubricant specifically formulated to provide high levels of engine cleanliness, minimizing spark plug fouling, port blocking and scuff formation. It is suitable for all popular makes of air-cooled motorcycle engines. It can be introduced directly into the petrol tank with no prior mixing required. The petrol to oil ratio should be in accordance with the engine manufacturer's recommendations.

APPLICATIONS / BENEFITS :

- * Good engine cleanliness plus high resistance to deposit formation.
- * Cleans and completely combustible.
- * Good engine protection.
- * Maximizing engine performance.

TYPICAL CHARACTERISTICS :

TEST DESCRIPTION	METHOD	TYPICAL RESULTS
Specific Gravity @ 15 °C	ASTM D 4052	0.871
Flash Point, °C	ASTM D 92	110
Pour Point, °C	ASTM D 97	-18
Kinematic Viscosity @ 40°C (cSt)	ASTM D 445	70.1
@ 100°C (cSt)	ASTM D 445	10.55
Viscosity Index	ASTM D 2270	138
TBN, (mgKOH/g)	ASTM D 2896	1.2
Color	ASTM D 1500	Blue

ESIONAL SDN. BHD. (876294-T)

No. 21-2, Jalan Apollo CG U5/CG, Bandar Pinggiran Subang, Seksyen U5, 40150 Shah Alam, Selangor Darul Ehsan, Malaysia. | Tel : 603-7846 2108/ 603-7846 2109 | Fax : 603-7842 2107 | Email : marketing@esional.com | Web : www.esional.com | Copyright 2013-Esional Sdn. Bhd. , All rights reserved. All specifications are subject to change without prior notice. Please contact our sales team for latest information of our products and services.