



CARTENDER

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CAR LIFE INNOVATION



CARTENDER

PRODUCTS CATALOGUE

CARTENDER OIL SERIES

Series	Description	Standards & Approvals	Viscosity
HS (Honesty)	CARTENDER engine oils of HS series achieve further reduction of emission gas and excellent fuel efficiency of vehicles. Well balanced synthetic oil of American Petroleum Institute (API) standard, blended with newly developed additives realize engine durability and fuel efficiency. This engine performance and environmental qualities are certified with highest both API and International Lubricants Standardization and Approval Committee (ILSAC) standards. HS oil series are developed with "Honesty" for people who value their cars and want to continue driving it for many years to come.	API (SN,SP,...) ILSAC (GF5, GF6...)	0W-20 5W-30 5W-40 10W-30 10W-40
PS (Progress)	CARTENDER PS series are newest engine oils of state-of-the-art base with Poly Alpha Olefin (PAO). Excellent oil film and lubricating performance, and durability, make PS series the best match for large engine sports and turbo cars. CARTENDER main concepts of "High Quality" and "High Performance" are realized with this "Premium" engine oil series.	API (SN,SP,...) ILSAC (GF5, GF6...)	0W-20 0W-30 0W-40 5W-30 5W-40
ES (Euro)	CARTENDER ES series conform with ACEA standards set by "European Automobile Manufacturers' Association", with automobile manufacturer approvals such as Mercedes-Benz and Porsche. These series excel in engine protection performance and startability in cold regions and can be used for various 4 cycle engine vehicles.	API (SN,SP,...) ILSAC (GF5, GF6...) ACEA C3 (Mercedes-Benz and Porsche)	5W-30 5W-40
RS (Racing)	The flagship series of CARTENDER engine oils are RS series. Made of fully synthetic Ester + PAO base oil, RS is highest quality engine oil that can also run on racing circuits. With excellent oil film endurance and performance at high temperatures, RS series can also be used for large engine sports and tuned vehicles, and perfectly suitable to bear CARTENDER flagship title.		0W-40 5W-50 15W-50 10W-60
ATF/CVT	CARTENDER CVT/ATF (GM DEXRON III H) demonstrate excellent power transfer performance, minimizing friction loss, and enhancing fuel efficiency.	GM (DEXRON III(H))	
Gear Oil	CARTENDER gear oils with highest industry standards protect all manual transmissions, differential gears, as well as limited-slip differentials (LSD) of sports cars, in vast variety of driving conditions.	API (GL-4, GL-4 LSD, GL-5, GL5 LSD)	75W-90 75W-85 80W-90

*API: American Petroleum Institute
*ILSAC: International Lubricants Standardization and Approval Committee
*ACEA: European Automobile Manufacturers' Association



CARTENDER Engine Oils HS Series

Achieving 100% Engine Performance
Enhanced Fuel Efficiency - Reduced Emission Gas - Environmentally Friendly

Reduce sludge by suppressing deposits on hot pistons and turbochargers.
Improve emulsification stability and rust prevention, and suitable for ethanol biofuels too.
Suppress oil phosphorus evaporation, reduce exhaust gas catalyst poisoning and improve compatibility.
Ideal for small turbo cars too.
HS oil series are developed with "Honesty" for people who value their cars and want to continue driving it for many years to come.

*API: American Petroleum Institute
*ILSAC: International Lubricants Standardization and Approval Committee

CARTENDER HS 0W-20

For Automobile Gasoline Engine

Viscosity : 0W-20
Synthetic
API : SN
ILSAC : GF-5



Article Number

1L can	CTLU004
4L can	CTLU003
20L pail	CTLU002
200L drum	CTLU001

CARTENDER HS 5W-30

For Automobile Gasoline & Diesel Engines

Viscosity : 5W-30
Synthetic
API : SN, CF Performance
ILSAC : GF-5



Article Number

1L can	CTLU008
4L can	CTLU007
20L pail	CTLU006
200L drum	CTLU005

CARTENDER HS 10W-30

For Automobile Gasoline & Diesel Engines

Viscosity : 10W-30
Semi-Synthetic
API : SN, CF Performance
ILSAC : GF-5



Article Number

1L can	CTLU002
4L can	CTLU001
20L pail	CTLU010
200L drum	CTLU009

Typical Characteristics	0W-20	5W-30	10W-30
API Standard	SN	SN, CF Performance	SN, CF Performance
ILSAC Standard	GF-5	GF-5	GF-5
Density (15°C) g/cm ³	0.8463	0.855	0.868
Color (ASTM)	L3.5	L3.5	L3.5
Flash Point (COC) (°C)	228	228	232
Pour Point (°C)	-47.5	-42.5	-40
Kinematic Viscosity	(@40°C)	44.47	62.74
	(@100°C)	8.501	10.62
Viscosity Index	172	160	139
CCS (mPa.s)	5,490 (-35°C)	6,228 (-30°C)	6,510 (-25°C)
Oxidation (mgKOH/g)	2.38	2.38	2.38
Base No (mgKOH/g)	7.7	7.7	7.7

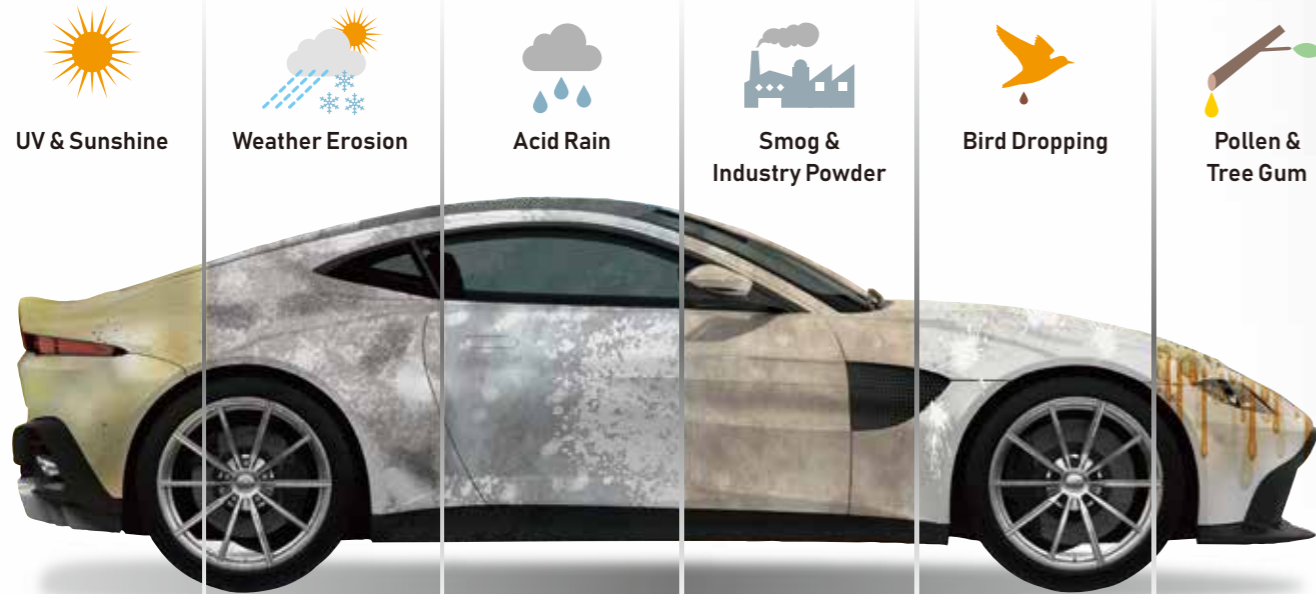
CARTENDER Car Coating & Protection

CARTENDER Service Menu

(May vary per Service Shop)

Coating & Detailing with craftsmanship technics

Automobile body surface in general has layers of color paint and clear coats, which due to various reasons in the course of time are damaged or removed. Washing cars is one reason for such damages too.



We remove scratches at micron level and treat cars with ultra-fine particles of glass coating active ingredients. These active ingredients' chemical reactions with air humidity form a coat layer which is totally hardened within couple of days.



You may see many glass coating (also named as ceramic, silicone, nano, etc) brands out there falsely claiming very high hardness levels. As the air temperature causes car body to expand and contract hardly seen by our eyes, too hard coating and too soft coating cannot adapt to such car body movements and are not as effective. With long years of research and development behind our products, you can rest assured of most suitable coating treatment for your dear car.

Coating Process



Category	Service Menu	Details	
Glass Coating	CARTENDER Premium Coat	Treated with over 97% of glass coating active ingredients and 4 Nano diamond particles, achieving excellent top level gloss, maximum hardness, water repellency, flexibility and antifouling. CARTENDER Premium Coat is strongest ever glass coating in history, with all best features of coating in itself. It puts on an amazingly shining uncrackable diamond armour deep on your car and protects its beauty for a long time. 5 Year Protection (Annual Maintenance) 9H+	
	CARTENDER Diamond Coat	Real diamond 4 Nano particles compounded with over 85% active ingredients of glass coating. Excellent strength, water repellency and flexibility together form highest level of car coating. High flexibility adjusts to surface expansion or contraction caused by heat and or blow shocks. This genius feature protects the formed coat from damages and presents the diamond looking highest beauty level for long time. 3 Year Protection (Annual Maintenance) 9H	
	CARTENDER Crystal Coat	High combination of over 70% glass coating active ingredients achieving a smooth dewy gloss and excellent water repellency. It protects and wraps your car with a strong layer of crystal glass. 1 Year Protection (Biannual Maintenance) 6H+	
Glass Based Coating	CARTENDER Gold Coat 180	With excellent gloss, it achieves unprecedented water repellency ever possible by glass-based coating. This is a next generation strong water repellent product that makes water drops roll down one by one from the car. Its smooth touch softens friction and helps protect against small scratches. Treated with over 7% of glass coating active ingredients. 6 Month Protection	
	CARTENDER Silver Coat 90	This is an entry treatment menu which easily puts on a deep gloss on the car, with formulation of special high penetration glass-based coating agents with gloss making premium ingredients to provide a high water repellency and affluent transparency. 3 Month Protection	
Other Services	CARTENDER Premium Wash By Hand	Car dirt varies from those visible by eyes, to the very tiny dust and yellow sand particles, which their cleaning process itself has the risk of damaging car body. Our soft mousse shampoo removes the dirt softly with minimized friction between car body and the dirt, and we put the finishing touches with maximum care.	
	Window Coating	Removing oil film and old coating agents + highly water-repellent coating treatment to provide a clear beautiful view.	
	Wheel Coating	Removal of stubborn dirt such as brake dust by a coating treatment that makes dirt removal easy.	
	Headlights Clean & Protect	Cleans dull and cloudy headlight covers due to use over time, and applies a hard to get dirty coating treatment.	
	Light Polish	Removes stubborn scale and water spots and enhances the coating effect.	
	Mirror-like Polishing	Removes water spots and fine scratches to regain the glowing body.	

Main Coating Products

CARTENDER NEW DIAMOND COAT

Genius Protection: Hard but Flexible, Weatherproof & Antifouling, Super Gloss & Water Repellency: 4 Nano real diamond particles compounded with 85% glass coating active ingredients. Excellent water repellency, strength and flexibility together form highest level of car coating. High flexibility adjusts to surface expansion or contraction caused by heat and or blow shocks. This genius feature protects the formed coat from damages and presents the diamond looking highest beauty level for long time.

Packaging	Article No.	Amount per Midsize Car	Hardness Level	Protection
50ml	CTBCC-0054	35ml	9H	3 Years (Annual Maintenance)

How to use:

First, clean and polish the car well. Apply thoroughly to all body with soft coating sponge or cloth. Wipe 3 times using 3 soft clothes each time and make sure not to damage body. Avoid water, rain, dust within 2 hours, and washing within a week. Feel excellent water repellency and gloss after 4 days.

CARTENDER PREMIUM BASE COAT

Excellent Gloss, Excellent Water Repellency & Protection: Full scale glass coating that realizes highest level of gloss and shine. This is for an original blend of maximum glass coating active ingredients and is specially recommended to car enthusiasts particular about maximum gloss. This product delivers a deep luster and shine with outstanding water repellency for a long period of time. Contains over 97% of glass coating active ingredients.

Packaging	Article No.	Amount per Midsize Car	Hardness Level	Protection
200ml	CTBCC-0055	70ml (35ml x 2)	7H+	3 Years (Annual Maintenance)

How to use:

First, clean and polish the car well. Apply thoroughly to all body with soft coating sponge or cloth. Wipe gently 3 times using 3 soft clothes. It is recommended to re-apply after 2 hours, and wipe 3 times again like above for maximum effects, or apply CARTENDER Diamond Coat to experience our PREMIUM Coat treated at our service shops.

CARTENDER CRYSTAL COAT

Beautiful & Smooth Gloss, Water Repellency & Protection: With over 70% high combination of glass coating active ingredients to achieve a smooth dewy gloss and excellent water repellency. It protects and wraps your car with a strong layer of crystal glass.

Packaging	Article No.	Amount per Midsize Car	Hardness Level	Protection
200ml	CTBCC-0006	35ml	6H+	1 Year (Biannual Maintenance)

How to use:

First, clean and polish the car well. Apply thoroughly using a soft coating sponge or cloth. Wipe gently 3 times using 3 soft clothes.

CARTENDER GOLD COAT 180

Quick but Professionally Effective Gloss & Water Repellency

With excellent gloss, it achieves unprecedented water repellency ever possible by glass-based coatings. This is a next generation strong water repellent product that makes water drops roll down one by one from the car. Its smooth touch softens friction and helps protect against small scratches.

Packaging	Article No.	Amount per Midsize Car	Protection
300ml	CTBCC-0008	60ml	6 Months

How to use:

First, wash the car clean. Spray enough amount to coating sponge or cloth. Apply the sprayed coating cloth or sponge 2-3 times on body. Wipe thoroughly with a clean soft cloth. Feel great water repellency and gloss after about 30 minutes.

	CARTENDER NEW DIAMOND COAT	CARTENDER PREMIUM BASE COAT	CARTENDER CRYSTAL COAT	CARTENDER GOLD COAT 180
CARTENDER Product	Glass Coating	Glass Coating	Glass Coating	Glass-Based Coating
Antifouling	★★★★★	★★★★	★★★★	★★
Protection	★★★★★	★★★★	★★★★	★★
Water Repellency	★★★★★	★★★★	★★★★	★★★★
Gloss	★★★★★	★★★★★	★★★★	★★★
Deep Color	★★★★★	★★★★★	★★★★	★★★
Durability	★★★★★	★★★★	★★★	★★
Effects Starts From After	4-10 days	4-10 days	4-10 days	30 minutes
Recommended Frequency	Every 3 Years	Every 2 Years	Every Year	Every 6 Months



Important: Close the lid quickly and firmly after each opening to avoid drying.
Recommendation: Apply our "Gold Coat 180" twice a year for maximum protection.



Important: Close the lid quickly and firmly after each opening to avoid drying. Finish all within 6 months after first opening.



Important: Close the lid quickly and firmly after each opening to avoid drying. Finish all within 6 months after first opening.



Other Coating & Cleaning Products

Category	Product Name	Details	Packaging	Article No.	
Other Coating Products	CT WIPE & SHINE	Newest multi-coating product that does not require wiping off. You can use this one single product to many places such as interiors, exteriors, windscreens and windows, etc. So easy to use by just direct spraying and wiping. Maintains a natural luster for about 60 days while protecting from oily stains such as fingerprints, and hand marks and smears. (Do not directly spray on alloy wheels and electrical components)	300ml 500ml 4L	CTBCC-0015 CTBCC-0016 CTBCC-0017	
	CT LEATHER COAT	A choice selection of mink oil and collagen to bring a natural shine to the leather seats, etc. By preventing dirt and mold growth, it makes scratches less noticeable and maintains leather original soft texture for a long time. Just spray to special coating sponge and apply in all direction and wipe with a soft dry cloth.	200ml 500ml 2L	CTBCC-0030 CTBCC-0031 CTBCC-0032	
	CT PREMIUM TIRE WAX	This is the longest-lasting tire wax ever. A luxurious blend of urethane resins that keeps effective against acid rain and careless car washing. It adheres firmly to the tire and maintains a new tire looking luster for a long time. In addition, even when driving in the rain, it repels water droplets and shows amazing water repellency for a long time. First, clean and dry tires. Then apply on sponge and rub in tire. Make sure it doesn't drop on rims.	500ml 4L	CTBCC-0048 CTBCC-0049	
	CT ENGINE COAT	Protects engine room's rubbers, hoses, and resin parts, and stops the dust sticking on them. It can also prevent color fading and deterioration and keep beauty of a new car. After removing engine compartment's dirt by our CT Engine Relieve, spray CT Engine Coat from 20 cm away to engine parts and let it dry by itself.	1L 4L 18L	CTBCC-0045 CTBCC-0046 CTBCC-0047	
	CT LEATHER CLEANER	A safe neutral cleaner of genuine as well as synthetic leathers. Cleans stubborn dirt at once and improves the touch, and restores the original beauty without dullness. Just spray to dirty spots and rub gently with soft delicate sponge cloth and then wipe with a damp cloth. (Do not spray to a large space at once)	200ml 4L	CTBCC-0026 CTBCC-0027	
Other Coating & Cleaning Products	CT BUG BUSTER	Insect carcasses or bird droppings are destructive to car body and cause corrosion in the long term if not removed. Even their removal must be done carefully to avoid further damage. CT Bug Buster floats such dirt within 10-15 seconds and removes them off surprisingly clean without worrying about damages to coating. Just spray to surface and gently rub with a soft sponge after 15-20 seconds, and rinse with water.	500ml 4L 18L	CTBCC-0012 CTBCC-0013 CTBCC-0014	
	CT PURE CLEANER	An easy-to-use detergent for interiors that floats and gently removes the dirt stains from interior and ceiling surfaces. It easily removes tobacco tar too and is a neutral detergent friendly to environment, your car and your skin. Just spray on dirty place, rub gently with soft sponge cloth and wipe it with a damp towel.	500ml 4L 20L	CTBCC-0018 CTBCC-0019 CTBCC-0020	
	CT IRON DUST REMOVER	Our CT Iron Dust Remover wraps around till tip of the iron dust and metal powder which stick and dig into car body and wheels, and floats the whole such particles for easy removal. It features neutral ingredients in order not to leave any stains behind and does not have the disgusting smell of other similar products in market. Just scrub it gently with a soft cloth sponge and scrub gently couple of times. Rinse quickly and make sure not to spray on windows.	1L 4L 18L	CTBCC-0023 CTBCC-0024 CTBCC-0025	
	CT WHEEL MASTER	Easily removes brake dust and fine rust spots stuck on wheels and restores their beauty. Just spray and wash it away with water after 30 seconds. It can be rinsed without strong scrubbing to reduce risk of scratching the surface during wash.	500ml 1L 4L 20L	CTBCC-0037 CTBCC-0038 CTBCC-0039 CTBCC-0040	
	CT MAX GLASS OIL BUSTER	Not only it removes stains on the windscreens, it also cleans the oily smears and old coating layers at the same time. This newly developed degreaser cleans the stubborn oily dirt's and brings back windows' original transparency. Providing you an enjoyable clear view and a safe drive. Just make the window wet and apply on a felt sponge and scrub couple of times. Then wipe water away with same type of sponge.	500ml	CTBCC-0041	
	CT ENGINE RELIEVE	You can easily remove even most stubborn dirt, dusts and grease which are easily piled up and stuck inside hot engine compartment. Spray from 15-20 cm away to cold engine and make sure no to spray on body, fuse box and electrical parts. Rub gently with a brush 2-3 minutes after spraying. Then rinse and wipe dry to see the magic. To be used by only experienced mechanics.	500ml 4L 20L	CTBCC-0042 CTBCC-0043 CTBCC-0044	
				Amount per Midsize Car 60ml	
			Amount per 4 Midsize Tires 50ml		
			Amount per Midsize Car 50ml		
			Amount per 4 Midsize Wheels 70ml		
			Amount per Midsize Windscreen 10ml		
			Amount per Midsize Engine 30ml		