

GOLDEN BOOSTER





Introduction of World Oil Korea Co., Ltd.

Established in 2006, we have driven ourselves based on the company philosophy of "Protect the environment and manage and maintain our customers' cars as my own" to develop into a company that continuously imports, distributes, and manufactures high quality lubricants and chemical substances. Since March 2011, we have become the first exclusive distributor of VOLTRONIC GmbH and have been contributing to the domestic industry by introducing various top-quality chemical substances such as motor oil, industrial oil, and consumables.

Currently, we provide services for customer satisfaction by regions through more than 30 local agencies across the country and supplying to 2,000 branch of HYUNDAI & KIA A/S workshop. HQ direct management sales team and we have our own supply system for quick and steady delivery of high quality products.

■ Research & Development Center and Venture Company, KS Certificate

Name/CEO: World Oil Korea Co. Ltd/Hwang Jae-young

Est. Date: 2006/Korean distributor of Voltronic GmbH for 11y

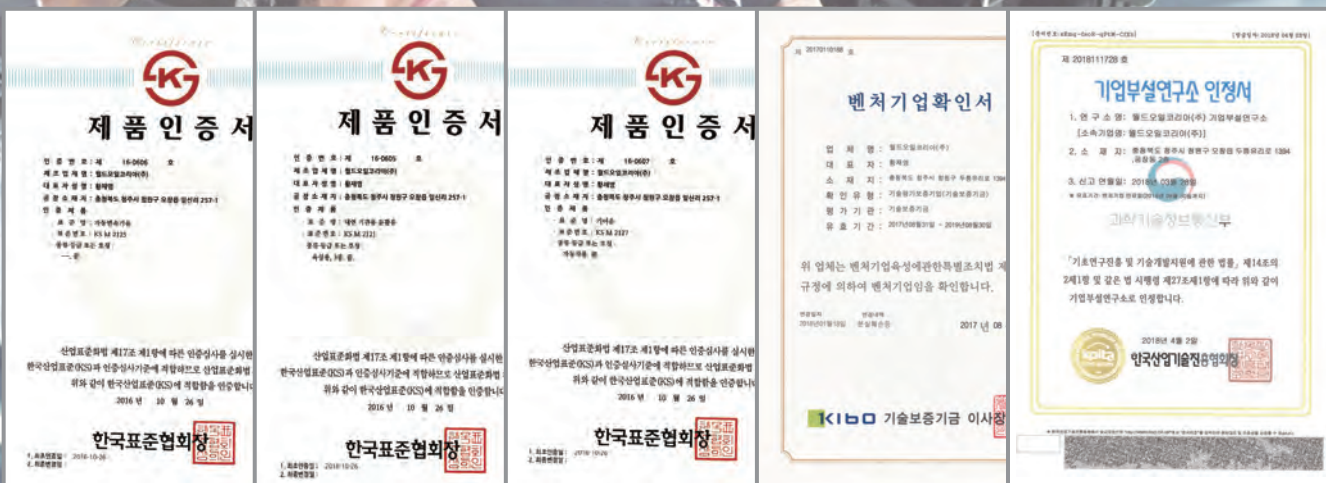
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Website: www.voltronic.co.kr / vlitronic-germany.com

CEO E-MAIL: voltronic@voltronic.co.kr

Area of Business : Automobile, industrial engine oil, lubricants, chemical products,
and distribution Official Voltronic GmbH distributor; more than 30 distribution agencies,
and direct management center (vss-auto direct management included)



KS Certificate

Venture Company

Research & Development Center

■ GOLDEN BOOSTER

SERIES NAME	SAE	Base oil	Tech	Content
GT SERIES	10W60	FULLY SYNTHETIC	PAO+POE+Moly Tech	1Liter/200Liter
	0W40	FULLY SYNTHETIC	PAO+POE+Moly Tech	1Liter/200Liter
	0W30	FULLY SYNTHETIC	PAO+POE+Moly Tech	1Liter/200Liter
EURO SERIES	5W40	FULLY SYNTHETIC	PAO Tech	1Liter/200Liter
	5W30	FULLY SYNTHETIC	PAO Tech	1Liter/200Liter
ECO SERIES	5W40	FULLY SYNTHETIC	TRI-SYNTHETIC	1Liter/4Liter/200Liter
	5W30	FULLY SYNTHETIC	TRI-SYNTHETIC	1Liter/4Liter/200Liter
	5W20	FULLY SYNTHETIC	TRI-SYNTHETIC	1Liter/4Liter/200Liter
PREMIUM SERIES	10W40	SYNTHETIC	VHVI TECH	4Liter/6Liter/20Liter/200Liter
	15W40	SYNTHETIC	VHVI TECH	4Liter/6Liter/20Liter/200Liter
	20W50	SYNTHETIC	VHVI TECH	4Liter/6Liter/20Liter/200Liter
BIKE SERIES	SUPER BIKE 4T	MINERAL		1Liter
	SUPER 2T	MINERAL		1Liter
Gear Oil	75W85	MINERAL	VHVI TECH	4liter/20Liter/200Liter
	80W90	MINERAL	VHVI TECH	4liter/20Liter/200Liter
ATF	ATF-3	SYNTHETIC	VHVI TECH	4liter/20Liter/200Liter
	ATF-LV	FULLY SYNTHETIC	VHVI TECH	4liter/20Liter/200Liter
	CVT	FULLY SYNTHETIC	VHVI TECH	4liter/20Liter/200Liter
ADDITIVES	Engine Flush			300ml
	Moly Engine Coat			300ml
	Auto Mission Flush			300ml
	Auto Mission Protector			150ml

GT SERIES



- High performance 100% engine oil with PAO+POE+Moly Tech technology
- **10W60 GT** is high performance fully synthetic racing motor oil for competition and track use. Special racing motor oil for high stress and fully tuned race engines. Features extreme wear protection property, extreme oxidation property and excellent cooling performance. provide emergency running even under critical condition or when run with lesser amount of motor oil
- **0W40 GT** is high performance 100% engine oil with PAO+POE+Moly Tech technology High performance fully synthetic motor oil formulated for ultimate performance and protection under all driving conditions. Fully recommended for high performance modern multi-cylinders and multi-valves gasoline and diesel engine with turbocharge or without.
- **0W30 GT** is high performance 100% engine oil with PAO+POE+Moly Tech technology 0W30 GT is high performance multi grade fully synthetic motor oil unsurpassed shear stability at low ambient temperature and excellent cold start wear protection, reserve higher performance

■ Specification and Approvals

SAE	10W60	0W40	0W30
API	SN/CF	SN/CJ-4	SN/CJ-4
ACEA	A3/B4	A3/B4	A3/B4
BMW	M-TECHNIC PERFORMANCE	LL-98, LL-01, LL-04	LL-98, LL-01, LL-04
MB	AMG PERFORMANCE	MB-229.3	MB-229.3
VW		VW502.00/505.00/503.01	VW502.00/505.00/503.01
GM			
DPF	NO	NO	NO

■ Characteristics

SAE	10W60	0W40	0W30
Specific Gravity	0.86	0.85	0.845
Kinematic Viscosity	14.6	13.1	11.4
Viscosity Index	177	175	180
Flash Point (°C)	230	226	220
Pour Point (°C)	-39	-42	-42

EURO SERIES



- **5W40 EURO PAO** is high performance ultra-light running multigrade fully synthetic motor oil for modern multi-cylinders and multi-valves gasoline and diesel engine with turbocharge or without. approval by Daimler Mercedes-Benz MB 229.3, VW 502.00 +505.00, GM Dexos-2
- **5W30 EURO PAO** is high performance ultra-light running extremely low-ash fully synthetic motor oil. Specially developed for newer generation EURO-4 to EURO-6 motor engine with DPF (Diesel Particulate Filter) and SCR converter (Selective Catalytic Reduction).

■ Specification and Approvals

SAE Grade	5W40	5W30
API	SN/CJ-4	SN/CJ-4
ACEA	A3/B3/B4/C3	A3/B3/B4/C3
BMW	Longlife-04	Longlife-04
MB	MB 229.3	MB-229.51
VW	VW 502.00/505.00	VW504.00/507.00
GM	DEXOS 1 ,DEXOS 2	DEXOS 1 ,DEXOS 2
DPF	YES	YES

■ Characteristics

SAE Grade	5W40	5W30
Specific Gravity	0.85	0.85
Kinematic Viscosity	13.2	11.5
Viscosity Index	177	175
Flash Point (°C)	228	225
Pour Point (°C)	-40	-40

ECO SERIES



- **5W40 ECO** TRI SYNTHETIC TECHNOLOGY is high performance ultra-light running multi grade fully synthetic motor oil for modern multi-cylinders and multi-valves gasoline and diesel engine with turbocharge or without. Features ultra-high running, excellent fuel economy, excellent wear protection and smooth running engine
- **5W30 ECO** TRI SYNTHETIC TECHNOLOGY is high performance multigrade ultra-light running fully synthetic motor oil for high performance gasoline and diesel passenger and light commercial vehicles especially with direct injection system
- **5W20 ECO** TRI SYNTHETIC TECHNOLOGY is high performance super energy conservation ultra performance multi grade fully synthetic motor oil for modern generation car engine where required energy conservation engine lubrication (e.g. hybrid vehicle) and cold start wear protection

■ Specification and Approvals

SAE	5W40	5W30	5W20
API	SN	SN	SN/CF
ACEA	C3	C3	
DPF	YES	YES	NO

■ Characteristics

SAE	5W40	5W30	5W20
Specific Gravity	0.85	0.85	0.855
Kinematic Viscosity	13.0	11.1	8.93
Viscosity Index	174	167	160
Flash Point (°C)	214	216	210
Pour Point (°C)	-33	-36	-36

PREMIUM SERIES



- **10W40 PREMIUM** is formulated with the highest and purest quality of synthetic base oils in the world and these top class base oils maximize the effectiveness of the high performance additive system and also maximize operation under severe driving and extreme conditions.
- **15W40 PREMIUM** is formulated with the highest quality synthetic base oil and the latest high performance additives, providing the top levels of equipment protection available and ensure that oil adapts under the full range of severe driving and extreme condition found in modern engine 15W40 PREMIUM oil provides excellent energy saving-fuel-economy performance
- **20W50 PREMIUM** is formulated with the high quality base stocks and advanced additives, producing high quality diesel engine oil that offers the best performance. This multi grade diesel engine oil is suitable for all heavy duty engines, modern high speed turbocharged, non-turbocharged diesel engines and designed for use in high performance operation under severe driving and extreme conditions

■ Specification and Approvals

SAE	10W40	15W40	20W50
API	CJ-4/SN	CJ-4/SN	CH-4
ACEA	E7	E7	
MB	228.31	228.31	
MTU	Oil cat2.1	Oil cat2.1	
MAN	m3575	m3575	
MACK	EO-M Plus	EO-M Plus	
Cummins	CES 20078	CES 20078	
VOLVO	VDS-4	VDS-4	

■ Characteristics

SAE	10W40	15W40	20W50
Specific gravity	0.86	0.86	0.88
Kinematic Viscosity	14.3	14.1	18
Viscosity index	155	150	145
Flash Point (°C)	230	226	234
Pour Point (°C)	-39	-36	-30
Sulfated Ash	1.1	1.1	1.1

BIKE SERIES



- **SUPER 2T** is high performance super-light running mineral based motor oil for air-cooled or water-cooled 2 strokes engines. Excellent quality for premix system, promote clean burn to prevent carbon foul on piston, piston ring scrapper, rotor and spark plug. Provide excellent lubrication, excellent anti-wear performance and low smoke.
- **SUPER BIKE 4T** is high performance ultra-light running motor oil for 4 strokes engine with wet or dry clutch system, air-cooled or water-cooled.
Features excellent lubrication reliability, excellent anti wear performance and excellent fuel economy.

product name	API viscosity	kinematic viscosity		viscosity index	flash point (°C)	pour point (°C)	application
		40°C	100°C				
SUPER 2T	SAE 20	45.1	7.6	131	70	-36	For air-cooled 2-stroke engine motor cycles
SUPER BIKE 4T	10W40	108.1	14.6	139	236	-36	For 4-stroke engine motor cycles. JASO MA2 API SN
	20W50	160.5	18.8	132	248	-33	

Gear Oil



■ **75W85 MINERAL** is a high quality multi-purpose automotive gear oil designed for passenger cars, It contains highly refined base stock and specially selected extreme pressure additives to ensure excellent low temperature performance, soft gear change, minimize sludge and deposits

■ **80W90 MINERAL** is a high quality multi-purpose automotive gear oil designed for passenger cars, It contains highly refined base stock and specially selected extreme pressure additives to ensure excellent low temperature performance, soft gear change, minimize sludge and deposits

■ Characteristics

SAE	75W85	80W90
Specific Gravity	0.870	0.891
Kinematic Viscosity	12.4	15.0
Viscosity Index	180	100
Flash Point (°C)	200	230
Pour Point (°C)	-45	-24
CCS Viscosity (@-40°C, mPa*s)	55,000	-
CCS Viscosity (@-26°C, mPa*s)	-	100,000

ATF



- **ATF-3** is high performance multi-purpose transmission fluid manufactured with premium additives and synthetic base stock for using wide range of automatic transmissions. Excellent stable properties and wear protection maximize transmission life.
- **ATF-LV** is high performance ATF(Automatic-Transmission-Fluid)for 4,5,6,7,8 multi-speed automatic gearboxes with torque converter or without. Special ATF for maximum fuel efficiency, comfort and smooth shifting behavior.
- **CVT** is designed for passenger and light vehicles with chain or metal-belt CVTs. CVT is blended from high performance virgin synthetic base oils and selected additives. it provides smoother function, lower noise and maximum fuel efficiency with most American, European, and Korea vehicles.

■ Specification and Approvals

Product	CVT
TOYOTA	CVT Fluid TC/FE
DAIHATSU	AMMix CVT Fluid DC/DFE
HONDA	Ultra ATF/ATF-Z1/HMMF/HCF-2 HYUNDAI/KIA DIAMOND ATF-III
MAZDA	CVT 3320(JWS 3320)
MITSUBISHI	Dia Queen ATF-III/CVT Fluid J1/J4/J4+
NISSAN	Matic Fluid, CVT NS-1/NS-2/NS-3
SUBARU	ECVT FLUID, ICVT FLUID, SUBARU I-CVT/FG, SUBARU CVT FLUID (LINEARTRONIC/LINEARTRONIC II)
SUZUKI	SCVT FLUID, SUZUKI CVT OIL, SUZUKI CVT FLUID GREEN 1/1V/2, SUZUKI CVT FLUID 3320

■ Characteristics

SAE	ATF-3	ATF-LV	CVT
Specific Gravity	0,850	0,850	0,855
Kinematic Viscosity	7,5	7,6	6,5
Viscosity Index	180	168	181
Flash Point	210	210	224
Pour Point	-51	-45	-45
CCS Viscosity (°C)	9,500	13,000	
CCS Viscosity (°C)	-	-	

ADDITIVES



- **Auto Mission Flush** is high performance automatic-gearbox flush for automatic-gearbox with torque converter or without. Removes dirt, sludge and breakdown particles from automatic-gearbox. Restore smooth gear change and comfort. Improve automatic-gearbox reliability and prevent automatic-gearbox from premature wear. (packing unit : 300ml)
- **Auto Mission Protector** is high performance automatic-gearbox protector for automatic-gearbox with torque converter or without. Maintain automatic-gearbox reliability and prevent from premature breakdown. (packing unit : 150ml)
- **Moly Engine Coat** is high performance motor oil treatment based on Molybdenum-Complex. Specially developed to improve motor oil reliability for harsh driving condition and race competition engine of modern multi-cylinders and multi-valves gasoline and diesel engine with turbocharge or without. (packing unit : 300ml)
- **Engine Flush** is advanced internal engine cleaner and oil system cleaner. Formulated with extremely low-ash material, EURO-6 ready. Remove harmful deposit such as carbon deposit on piston and piston ring crapper, oil sludge, dirt aggregate and breakdown particles. With corrosion inhibitor neutralize acidity in the engine. Improve engine performance by restoring engine compression up to 99%. Does not contain aggressive cleaning material, friendly to seal material such as silicone, NBR, SNBR, AEM, ACM and FKM. (packing unit : 300ml)



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