GH OIL | PRODUCT CATALOG

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LUBRICANTS FOR PASSENGER AND COMMERCIAL VEHICLES

LUBRICANTS FOR THE INDUSTRIAL SECTOR

Engine oil - Classic series

is a versatile line of all-season motor oils specifically developed for gasoline and diesel engines with high mileage, operating under a wide range of conditions. These oils are designed to ensure dependable engine performance, extending engine life even in vehicles that have seen extensive use. Formulated with carefully selected anti-wear and detergent additives, GH OIL Classic provides enhanced protection against wear, sludge, and deposits—maintaining engine cleanliness and reliability over time. This makes it an ideal choice for older vehicles that require consistent lubrication and maintenance performance.

Properties	Method	5W-30	5W-40	10W-30	10W-40	15W-40
SAE Viscosity Grade	SAE J300	5W-30	5W-40	10W-30	10W-40	15W-40
Kinematic Viscosity at 40°C, mm^2/s	ASTM 445	67.3	89.1	76.8	94.3	107.9
Kinematic Viscosity at 100°C, mm^2/s	ASTM 445	11.6	14.3	11.5	14.2	14.3
Viscosity Index	ASTM D2270	162	167	142	155	135
Flash Point (COC), °C	ASTM D92	224	234	234	229	234
Pour Point, °C	ASTM D97	-39	-37	-33	-32	-30
Total Base Number, mg KOH/g	ISO 6619	8.6	8.6	8.2	8.6	8.2
Density at 15°C, kg/m^3	ASTM 4052	856	864	878	870	884
Sulfated Ash Content, wt. %	ASTM D874	0.9	0.9	0.9	0.9	0.9

Applications:
Passenger cars, light SUVs, minivans, and light commercial vehicles with high mileage. Suitable for gasoline and diesel engines, both naturally aspirated and turbocharged. Perfectly formulated for vehicles requiring lubricants that meet or exceed API SG, CD or lower performance specifications.

Engine oil - Ultra series

GH Oil - Ultra series is an advanced fully synthetic motor oil specifically engineered to deliver exceptional protection and performance for modern high-output gasoline and diesel engines. Formulated to meet the rigorous demands of contemporary passenger vehicles operating across a wide range of conditions, it provides outstanding engine cleanliness, minimizes wear, and extends engine life. Developed in accordance with the strict specifications of leading automotive manufacturers, GH Oil Ultra SN/CF ensures optimal protection against thermal breakdown, deposit formation, and component wear, helping engines maintain peak performance and efficiency throughout extended service intervals.

Properties	Method	5W-30	5W-40
Kinematic viscosity at 40°C, mm²/s	ASTM D445	85.2	145.0
Kinematic viscosity at 100°C, mm²/s	ASTM D 445	14.1	16.7
Viscosity index	ASTM D 2270	171	120
Flash point in open crucible, °C	ASTM D 92	236	235
Pour point, °C	GOST 20287	-41	-35
Total base number, mg KOH/g	GOST 11362	8.5	7.5
Density at 20°C, g/cm³	ASTM D 4052	0.850	0.887

Applications:
Passenger cars, SUVs, minibuses, and light trucks of European and other manufacturers. Designed for gasoline and diesel engines (both turbocharged and naturally aspirated) of a wide range of vehicles where SAE 5W-40 viscosity and the required performance level of API SN, CF, and lower, as well as ACEA A3/B4, are specified.

Engine oil- Luxe series

Luxe SL/CF is a line of high-quality, universal all-season motor oils engineered to provide maximum protection for gasoline and diesel engines in passenger and commercial vehicles operating under various conditions. Formulated to deliver exceptional engine cleanliness and enhanced wear protection, GH OIL Luxe meets the rigorous demands of modern engine technologies and helps extend engine life while maintaining optimal performance.

Properties	Method	5W-40	5W-30	10W-40	10W-30	15W-40	20W-50
Kinematic Viscosity at 40 °C, mm²/s at 100 °C, mm²/s	ASTM D445 ASTM D445	88.1 14.5	70.8 11.7	98.3 14.3	81.3 12.1	112.4 14.8	178.2 18.9
Viscosity Index	ASTM D2270	170	163	152	144	136	123
Flash Point (Open Cup), °C	ASTM D92	240	228	236	242	243	246
Pour Point, °C	ASTM D97	-44	-40	-43	-37	-35	-29
Total Base Number, mg KOH/g	GOST 11362	9.1	9.1	9.1	9.1	9.1	9.1
Density at 15°C, kg/m³	ASTM D4052	856	854	869	870	880	882
Sulfated Ash Content, wt. %	ASTM D 874	1.1	1.1	1.1	1.1	1.1	1.1

Applications:
Passenger cars, SUVs, vans, and light commercial vehicles of European and other manufacturers, including vehicles with higher mileage. Suitable for engines requiring lubricants meeting API SL, CF or earlier performance categories.

Engine oil - PRO & PRO PLUS

GH OIL PRO 10W-40 and 15W-40 are universal all-season semi-synthetic motor oils developed for use in mixed vehicle fleets. These oils belong to the SHPD (Super High Performance Diesel) category and are engineered for high-performance modern diesel engines—both turbocharged and naturally aspirated—from European, American, and Asian manufacturers. They are designed to meet the stringent requirements of engines conforming to Euro IV and certain Euro V emission standards, where API CI-4 or ACEA E7 performance levels are required. These oils replace legacy lubricants of the API CH-4, CG-4, and CF-4 categories.

Properties	Method	PRO 10W-40	PRO 15W-40	Method	PRO PUS 5W-40
Kinematic viscosity at 40°C, mm^2/s	ASTM D445	100.1	111.8	ASTM D445	122.4
Kinematic viscosity at 100°C, mm^2/s	ASTM D445	14.8	14.9	ASTM D445	15.8
Viscosity index	ASTM D2270	154	138	ASTM D2270	142
Flash point in open crucible, °C	ASTM D92	230	234	ASTM D92	238
Pour point, °C	GOST 20287	-32	-27	ASTM D97	-26
Total base number, mg KOH/g	GOST 11362	10.0	10.0	ASTM D2896	12
Sulfated Ash Content, wt. %	ASTM D874	1.4	1.4	ASTM D874	1.2
Density at 20°C, g/cm^3	ASTM D 4052	883	884	ASTM D4052	887

Applications:
Highway trucks, buses, and commercial transport; Agricultural, construction, and mining machinery; European, American, and Asian diesel engines with or without turbocharging; Mixed fleets requiring reliability across various engine types

Transmission oil - GL5

GH OIL GL-5 75W-90 and 80W-90 (semi-synthetic) gear oils are designed for use in transmission components subjected to heavy loads (main gears, drive axles), where API GL-5 level performance is required. These oils effectively protect gear components from wear and scuffing.
GH OIL GL-5 90 is specially formulated for use in hot climates.
GH OIL GL-5 75W-90 offers enhanced low-temperature performance and a longer service life compared to mineral-based oils.

Properties	Method	5W-40	5W-30	10W-40
Kinematic viscosity at 100 °C, mm²/s	ASTM D 445	15.1	14.6	17.0
Brookfield dynamic viscosity: at -40 °C, mPa·s: at -26 °C, mPa·s: at -12 °C, mPa·s:	ASTM D2983	120000 - -	- 118000 -	- - -
Flash point in open cup, °C	ASTM D92	222	230	234
Pour Point, °C	GOST 20287	-45	-32	-25
Density at 20 °C, kg/m³	ASTM D4052	881	895	909

Applications:
Passenger cars; Highway commercial vehicles (trucks, buses, etc.); Off-road equipment (mining, agricultural, etc.) from European, American, and Asian manufacturers; Drive axles of commercial highway vehicles, including MAN, MB, Scania; Drive axles of off-road equipment; Wheel hub reduction gears, transfer cases, power take-off units; Unsynchronized manual transmissions and synchronized transmissions with steel synchronizers.

Lubricating oil - D Series

GH OIL D oils are designed for lubricating main and auxiliary trunk-piston diesel engines in marine, industrial, and fleet vessels. They can also be used in various shipboard mechanisms and equipment (gearboxes, compressors, blowers, etc.) where oils of the appropriate viscosity grade are required.
D-10Г2ЦС oil is used in circulating systems of high-speed trunk-piston diesel engines with a high degree of turbocharging.
D-16Г2ЦС oil is used to lubricate cylinders of trunk-piston and crosshead diesel engines using lubricators, where the sulfur content in fuel does not exceed 1.5%.
These oils are produced on the basis of high-quality mineral base oils with the addition of effective additive packages. In-house base oil production and strict quality control ensure consistently high operational performance.

Properties	Method	D-10Г2ЦС	D-14Г2ЦС	D-16Г2ЦС
Kinematic viscosity at 100 °C, mm²/s	GOST 33	10.7	14.1	122.4
Viscosity index	GOST 25371	94	92	93
Flash point in open cup, °C	GOST 4333	235	252	253
Pour point, °C	GOST 20287	-17	-15	-15
Base number, mg KOH/g	GOST 11362	7.0	9.0	9.5
Sulfated ash content, %	GOST 1461	1.3	1.2	1.4

Applications:
Excellent water resistance allows reliable performance even with continuous water contact; High demulsifying properties ensure effective water separation during oil separation and stable engine lubrication; Superior detergent-dispersant performance guarantees cleanliness of engine parts, even when using high-sulfur fuels, allowing for extended oil drain intervals.

Antifreeze - Antifreeze 40

GH OIL ANTIFREEZE 40 is a high-performance, ready-to-use coolant designed for gasoline and diesel engines in passenger and commercial vehicles, as well as stationary power units. Formulated using premium-grade ethylene glycol and a balanced package of corrosion inhibitors, it provides exceptional protection against overheating, freezing, rust, and scale formation. This traditional-type antifreeze ensures optimal heat transfer, prolongs the life of cooling system components, and maintains stable performance under extreme temperature conditions. The bright green, crystal-clear liquid is free of impurities and ensures reliable operation in both modern and older engine systems. Ideal for year-round use, GH OIL ANTIFREEZE 40 meets international quality standards and is suitable for a wide range of vehicles and heavy machinery, including trucks, construction equipment, and agricultural engines.

Properties	Method	GH Oil Antifreeze 40
Appearance	Vsually	Transparent homogeneous liquid of green color without visible foreign inclusions
Density at 20 °C, g/cm³	ASTM D1122	1.069
Refractive index at 20°C	GOST 18995.2	1.385
Boiling point, °C	ASTM D1120	108
Alkalinity reserve, ml HCl	ASTM D1121	5.2
pH	ASTM D1287	9.3
Foaming	ASTM D1881	max 100 ml / 3 sec
Crystallization temperature, °C	ASTM D1177	-37

Applications:
Passenger cars and trucks, special-purpose machinery.
Stationary diesel and gas piston engines.

Gearbox oil - ATF DX III Standard

GH OIL ATF DX III Standard is a transmission fluid formulated with synthetic base oils, intended for use in automatic transmissions (ATF) of passenger cars, commercial vehicles, special equipment, and off-road machinery.
Thanks to its synthetic base, the oil offers high oxidation stability, providing excellent protection against wear and preventing the formation of deposits. Compared to mineral-based oils, it features improved low-temperature performance and extended service life.

Properties	Method	D-10Г2ЦС
Kinematic viscosity at 100 °C, mm²/s	ASTM D445	7.3
Viscosity index	ASTM D2270	164
Dynamic viscosity at -40 °C, mPa·s	ASTM D2983	18000
Flash point in open cup, °C	ASTM D92	232
Pour point, °C	GOST 20287	-46
Density at 20 °C, kg/m³	ASTM D4052	856

Applications:

- Passenger cars;
- Commercial and special-purpose vehicles;
- Off-road equipment;
- Power steering systems;
- Automatic transmissions (AT);
- Other assemblies requiring fluids that meet GM DEXRON IIIH or earlier specifications.

Brake fluid - Dot4

GH Oil DOT 4 is a premium-quality brake fluid designed for hydraulic brake and clutch systems in all types of vehicles where Dot 4 fluid is recommended. It offers excellent thermal stability, corrosion resistance, and performance in a wide temperature range.
Key Features: Superior performance in extreme conditions; Ensures reliable braking under high loads; Compatible with all modern braking systems requiring Dot 4 standard; Protects metal components from corrosion; Low viscosity for optimal response time.

Properties	Method	GH Oil Dot4
Appearance	Item 11.2 STO, GOST 2706.1	Clear, homogeneous liquid, color ranging from light yellow to light brown, free from sediment or suspended matter
Kinematic viscosity, mm²/s -40°C, max: 1800 100°C, min: 1.5	 - GOST 33	 1.5 1800
Dry liquid point, °C, min	item 11.3 STO	230
Wet liquid point, °C, min	item 11.4 STO	155
Hydrogen index (pH)	item 11.6 STO	7.0-10.0
Interaction with metals at temperature of 100 °C for 240 h: Metal corrosion resistance at 100°C (weight loss): Tinplate GOST 13345 Steel 08U GOST 20403 Aluminum AK4 GOST 20403 Cast iron SCh 24-44 GOST 1414 Brass L63 GOST 2062 Copper M1 or M3 GOST 859	 item 11.3 STO GOST 263 GOST 20403	 0.2 0.2 0.1 0.2 0.4 0.4
Water content, %, max	GOST 14870	0.2
Insoluble matter content, %, max	GOST 6370	0.1

Applications:
Passenger cars and trucks, special-purpose machinery.
Stationary diesel and gas piston engines.

GH Oil Hydraulic

GH Oil Hydraulic is a premium series of hydraulic oils designed to replace lubricants conforming to GOST (IHP, IHS) standards and for use in hydraulic systems requiring oils that meet DIN 51524 Part 2 specifications. These oils are formulated using high-quality mineral base stocks and advanced multifunctional additive packages, delivering exceptional performance that exceeds the operational requirements of conventional IHP/IHS oils.
Thanks to their superior cleanliness and excellent anti-wear, anti-corrosion, and oxidation-resistant properties, GH OIL HYDRAULIC oils significantly enhance the reliability and longevity of hydraulic systems and components.

Properties	Method	ISO VG 32	ISO VG 46	ISO VG 68	ISO VG 100
Kinematic viscosity at 40°C, mm²/s	ASTM D445	32	46	68	100
Viscosity index	ASTM D2270	98	95	93	90
Flash point (open cup), °C	ASTM D92	220	230	238	246
Pour point, °C	GOST 20287	-28	-26	-25	-20
Acid number, mg KOH/g	GOST 11362	0.6	0.6	0.6	0.6
Purity class	GOST 17216	12	12	12	12
Density @ 20 °C, kg/m³	ASTM D4052	870	877	885	893

Applications:
GH Oil Hydraulic is ideal for use in industrial equipment that requires IHP/IHS oils or fluids meeting DIN 51524 Part 2 standards. Recommended applications include:

- Hydraulic systems in automated press lines, machine tools, and general machinery.
- Lightly loaded gearboxes and slideways requiring anti-wear lubricants.
- Industrial hydraulic systems operating in demanding environments, including those requiring superior fluid cleanliness.
- Stationary and mobile hydraulic systems where DIN 51524 Part 2 fluid performance is specified.
- Automatic transmissions (AT);

Chain Oil

Chain Oil is a special all-season lubricant designed for lubricating saw chains, sprockets, and guide bars of all types of electric and petrol chainsaws. Thanks to its deep-refined base and a carefully selected additive package, this oil offers excellent oxidation stability, strong adhesion to metal, and reliable protection of saw mechanisms against deposits and corrosion.

Properties	Method	Chain Oil
Kinematic viscosity @ 40 °C, mm²/s	ASTM D445	68
Kinematic viscosity @ 100 °C, mm²/s	ASTM D445	11.3
Pour point, °C	ASTM D97	-32
Flash point (open cup), °C	ASTM D92	225
Density @ 15 °C, kg/m³	ASTM D4052	889

Applications:
Suitable for various household and industrial electric and petrol chainsaws.
Can be used with both automatic and manual lubrication systems. Ideal for lubricating and protecting the following parts of the saw mechanism: Saw chains;

- Drive and driven sprockets;
- Guide bars;
- Tires;
- Chain tensioners;
- Other components exposed to friction and wear;

Additional Information:
Using Chain Oil regularly helps extend the service life of chains and related components. Its strong adhesion and flow characteristics ensure thorough coverage and lubrication, even at high rotational speeds and under thermal stress. The oil remains stable in conditions of high humidity, dust, and fluctuating temperatures, where regular oils may degrade or fail.

GH Oil Compressor

Compressor Oil is a line of high-quality, ashless compressor oils developed for lubrication of various types of compressors (both positive displacement and dynamic types), where a high level of operational performance as per DIN 51506 VCL is required. Formulated with premium base oils, these lubricants ensure outstanding thermal stability and significantly reduce the formation of lacquer deposits. They provide reliable protection against wear, rust, and corrosion, effectively extending the service life of compressor components.

Properties	Method	ISO VG 46	ISO VG 68	ISO VG 100	ISO VG 150	ISO VG 220	ISO VG 320
ISO Viscosity Grade	-	46	68	100	150	220	320
Kinematic viscosity at 40°C, mm²/s	ASTM D445	46	68	100	150	220	320
Kinematic viscosity at 100 °C, mm²/s	ASTM D445	6.7	8.5	11.0	14.7	18.5	23.5
Viscosity index	ASTM D2270	97	95	93	93	92	91
Autoignition point, °C	ASTM E659	340	374	375	375	376	378
Flash point (open cup), °C	ASTM D92	235	246	257	260	267	271
Pour point, °C	ASTM D97	-32	-30	-28	-23	-20	-17
Acid number, mg KOH/g	ASTM D664	0.14	0.14	0.14	0.14	0.14	0.14
Density @ 20 °C, kg/m³	ASTM D4052	897	884	888	892	899	900

Applications:
Designed for use in air compressors operating across various industrial sectors where oils meeting DIN 51506 VCL/VBL performance levels are required. Recommended applications:Screw and rotary compressors (ISO VG 46, 68); Reciprocating (piston) compressors (ISO VG 100, 150, 220, 320); Turbo compressors (ISO VG 46); Stationary compressors with final compression temperatures up to 180 °C, and with heat transfer conditions up to 220 °C, in compliance with DIN 51506 VCL.

GH Oil Industrial

GH OIL Industrial is a high-quality anti-wear hydraulic oil designed for use in industrial and mobile equipment operating under moderate conditions. These oils provide excellent oxidation resistance, thermal and chemical stability, and reliable lubrication for systems that do not require extreme pressure (EP) or anti-stick-slip properties.

Due to their carefully formulated base oils and additives, GH OIL Industrial fluids contribute to extended oil life, reduced sludge formation, and consistent system performance over time. They are especially well-suited for hydraulic systems operating in a wide range of temperatures and pressures where clean, stable performance is critical.

Properties	Method	Industrial 30	Industrial 40
ISO Viscosity Grade	-	46	68
Kinematic viscosity at 40°C, mm²/s	ASTM D445	46	68
Flash point (open cup), °C	ASTM D92	226	246
Pour point, °C	ASTM D97	-16	-17
Color	ASTM D1500	2.0	2.0
Coper strip corrosion, 3h at 100 °C	ASTM D130	1B	1B
Cleanliness class	ISO 4406	12	12
Density at 20 °C, kg/m³	ASTM D4052	881	885

Applications:
Industrial hydraulic systems; Lightly loaded industrial gearboxes and mechanical drives; Bearings and sliding components where moderate anti-wear protection is sufficient; Mobile machinery in construction, manufacturing, or agricultural sectors **Not recommended for systems requiring Extreme Pressure (EP) additives or anti-stick-slip behavior.**

GH Oil Reductor CLP

Reductor CLP is a series of gear oils developed for use in modern gearboxes equipped with circulation lubrication systems or splash lubrication. These oils are suitable for use in the gear drives of a wide range of modern industrial equipment. They offer high thermal and oxidative stability, minimizing deposit formation and providing excellent resistance to emulsion formation, even in the presence of water.

Properties	Method	CLP 68	CLP 100	CLP 150	CLP 220	CLP 320	CLP 460	CLP 680
ISO Viscosity Grade	-	68	100	150	220	320	460	680
Kinematic viscosity at 40°C, mm²/s	ASTM D445	68	100	150	220	320	460	680
Viscosity index	ASTM D2270	97	95	95	95	93	93	90
Flash point (open cup), °C	ASTM D92	238	240	242	252	254	280	294
Pour point, °C	ASTM D97	-26	-21	-22	-18	-17	-15	-15
Acid number, mg KOH/g	ASTM D664	0.7	0.7	0.7	0.7	0.7	0.7	0.7
4 Ball Load-wear index, N	ASTM D2783	477	470	470	480	509	530	558
4 Ball Wear scar diameter, mm	ASTM D4172	0.25	0.25	0.26	0.27	0.28	0.26	0.27
Cooper strip (3 hours at 100°C), rating	ASTM D130	1B	1B	1B	1B	1B	1B	1B
Density at 20°C, g/cm³	ASTM D4052	887	892	896	902	904	906	913

Applications:
Designed for use in modern industrial gearboxes operating in mining, machinery, metallurgy, energy, construction, petroleum, and other industrial sectors. Suitable for both straight and helical cylindrical, bevel, herringbone, and planetary gear systems. Also ideal for circulating lubrication systems in bearing applications.

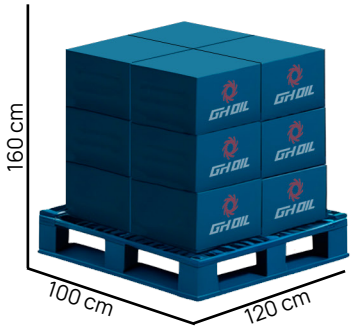
GH Oil Transformer

Transformer oils are specially formulated insulating oils developed using high-purity base components through hydrocracking, isodewaxing, and hydrotreating technologies. These oils offer excellent dielectric strength, oxidation stability, and low-temperature performance.

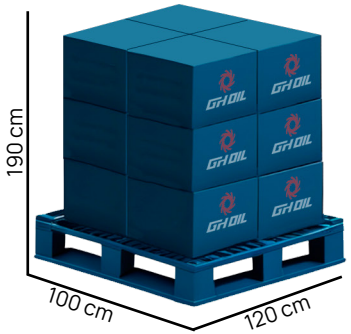
Properties	Method	Type 1	Type 2
Kinematic viscosity: at 40°C, Cst: at -30°C, Cst:	ISO 3104	 7.7 299	 8.2 334.8
Density: at 20 °C, kg/m³ at 20 °C, kg/m³	ISO 3675	 829.5 826.0	 831.8 828.3
Flash point (open cup), °C	ASTM D92	144	178
Pour point, °C	ASTM D97	-41	-47
Acid number, mg KOH/g	ASTM D664	0.01	0.01
Dielectric dissipation factor at 90°C, %	IEC 61156	0.08	0.11
Oxidation stability (120°C, 500 h, 150ml/hr): • Total acidity (mg KOH/g) • Sludge value, % • Dielectric dissipation factor at 90°C, %	IEC 61125 method C	 0.08 0.002 0.26	 0.08 0.002 0.26

Applications:
For use in power, conversion, measuring transformers, reactors, autotransformers, and bushings as an electrical insulating material with a long service life. Recommended for use in high-voltage electrical equipment up to 1150 kV. In oil circuit breakers as an arc-extinguishing medium.

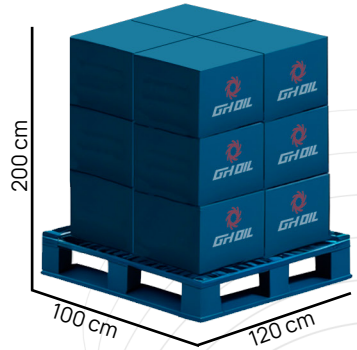
Container / trailer loading dimensions



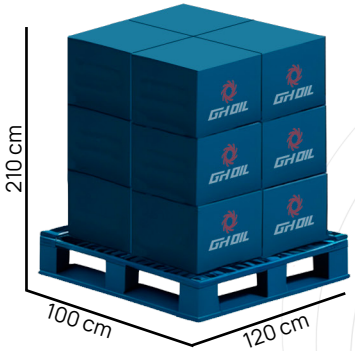
16Lt-18Lt
80 Pcs tin pack



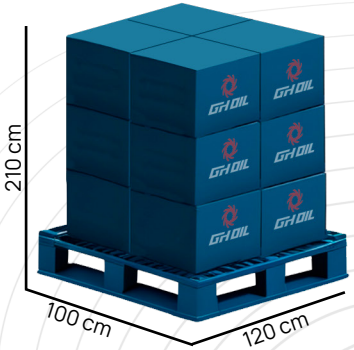
16 x 1Lt
56 Pcs card box



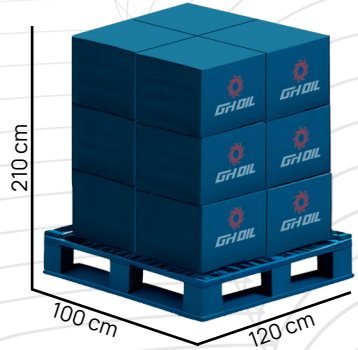
6 x 3Lt
48 Pcs card box



4 x 4Lt
60 Pcs card box



4 x 5Lt
48 Pcs card box



3 x 7Lt
40 Pcs card box

1000 Lt
1 Pcs IBCPACKING

180 Lt
1 Pcs Barrel packing

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