

TAILORED LUBRICANT SOLUTIONS FOR RELIABLE PERFORMANCE



TEXAS LUBRICANTS

PRODUCT CATALOGUE

MARINE INDUSTRIAL AUTOMOTIVE

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Introduction

Established in 2002, Texas Petrochemical is one of the leading producers of high quality Automotive, Marine and Industrial Lubricants in Singapore. With over a decade worth of credentials and experience, we are committed to continuously invest in our skills, manpower, technologies and facilities to meet the rapidly changing demand of the industry and to achieve the highest product quality and service to meet our customers' needs and expectations.

Our purpose at Texas Petrochemicals is to achieve the highest product quality and service to meet our customers' needs and expectations.

Industry Insights



Navigating the Evolving Lubricant Market Amid Global Trends

The lubricant industry is undergoing significant changes, driven by global forces like regulatory shifts and the push for greener technologies. As we progress through 2024, the most critical factor influencing the industry is the global drive to reduce greenhouse gases (GHG).

The International Maritime Organization's (IMO) MARPOL 2020 regulations have set new standards by reducing sulfur content in marine fuels, with future plans aiming for net-zero GHG emissions by 2050. This drives the adoption of alternative fuels like ammonia, biofuels, and hydrogen, necessitating advanced marine lubricants for engine efficiency and protection. Similarly, the automotive sector's focus on lower emissions and fuel efficiency has led OEMs to develop smaller, high-temperature engines, demanding lubricants that provide superior protection and performance. The rise of hybrid and electric vehicles (EVs) further complicates lubricant requirements, leading to the development of high-performance, synthetic, and bio-based lubricants that meet these evolving challenges.

As the industry adapts to these changes, success will hinge on flexibility, innovation, and a deep understanding of customer needs. Texas Lubricants continuously works with its partners and stakeholders to develop high-performance, reliable, and environmentally friendly lubricants to lead in this new era of the lubricant industry.



Products & Services

At Texas Petrochemical Asia Pacific PTE LTD, we are committed to delivering exceptional quality and performance through our comprehensive range of products and services:

1. Manufacturing and Supply of Texas Lubricants

We proudly manufacture and supply a diverse array of Texas Lubricants, catering to various industries, including Automotive, Industrial, Marine, and specialty applications. Our lubricants are engineered for superior performance, ensuring reliability and efficiency in every operation.

2. Third Party Blending for OEM Brands

Our expertise extends to third-party blending services for Original Equipment Manufacturer (OEM) brands. We collaborate closely with OEMs to produce high-quality lubricants that meet their specific formulations and standards, providing a seamless solution for expanding their product offerings.

3. Base Oil Trading

As a key player in the lubricant industry, we also specialize in the trading of base oils. Our extensive network and industry knowledge enable us to source and supply premium base oils, ensuring the best materials for lubricant production.





Comprehensive Marine Lubricants

Our extensive range of marine lubricants is designed to meet the latest OEM requirements, ensuring optimal performance and protection for your vessels. We offer solutions for every need onboard, includes:

- Cylinder Oil
- Trunk Piston Engine Oil
- System Oil
- Gear Oil
- Hydraulic Oil
- Compressor Oil
- Turbine Oil
- Stern Tube Oil
- Refrigerator Oil
- Greases
- Heat Transfer Oil
- High Speed Diesel Engine Oil
- Environmentally Friendly Lubricants

Cylinder Oil



	Grade	BN	Density kg/m ³	Kinematic Viscosity cSt	Pour Point	Flash Point	Application
	SAE	mgKOH/	15°C	100 °C	°C	COC in °C	
Marine Cylinder Lubricants							
TEXMARINE 1400 SAE 60	60	140	980	22	-6	240	Marine cylinder lubricants for low-speed engines Excellent deposit control, antiwear properties and scuffing prevention Texmarine 1400, 1000 and 700 for operation on HFO and low sulphur fuel oil (LSFO<1.5%S)
TEXMARINE 1000 SAE 50	50	100	960	20	-6	240	Short term operation on very low sulphur fuel oil (VLSFO<0.5%S) or ultra low sulphur fuel oil (ULSFO<0.1%S) possible with certain engine designs
TEXMARINE 700 SAE 50	50	70	935	20	-6	240	MAN Cat. I cylinder lubricant for all low-speed two-stroke engines operating on LSFO (<1.5%S), VLSFO (<0.5%S) and ULSFO (<0.1%S)
TEXMARINE 400 SAE 50	50	40	919	19.5	-6	230	
TEXMARINE CLS 400 SAE 50	50	40	915	20	-6	230	MAN Cat. II cylinder lubricant recommended for MAN B&W two-stroke engines Mark 9 and higher, and for all low-speed two-stroke engines operating on LSFO (<1.5%S), VLSFO (<0.5%S) and ULSFO (<0.1%S)
TEXMARINE CLS 200 SAE 50	50	20	903	18.5	-6	230	Marine cylinder lubricant for all low-speed two-stroke diesel engines running on VLSFO (<0.5%S) and ULSFO (<0.1%S) including LNG, methanol, ethane and LPG

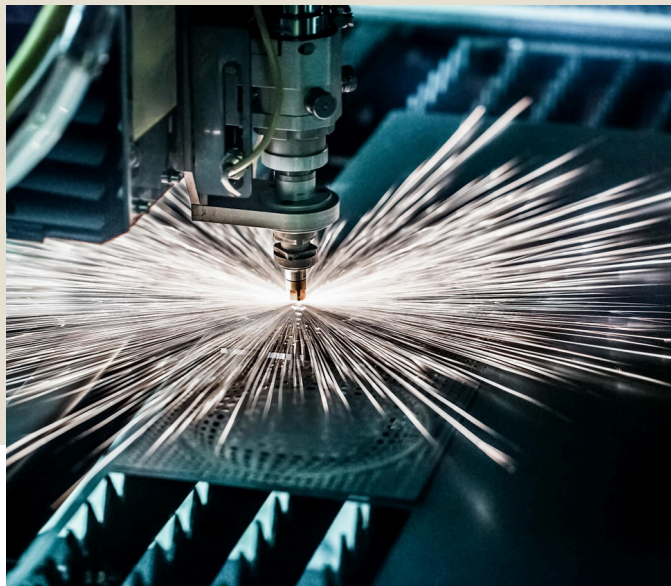
	Grade	BN	Density kg/ m ³	Kinematic Viscosity cSt	Pour Point	Flash Point	Application
	SAE	mgKOH/ g	15°C	100°C	°C	COC in °C	
System Oil							
TEXMARINE 60 SAE 30	30	6	891	11.5	-6	220	Alkaline marine crankcase lubricant for low-speed marine diesel crosshead engines Outstanding thermal and oxidation stability and detergency

Trunk Piston Engine Oil

Trunk Piston Engine Oils							
TEXMARINE 550 SAE40	40	55	923	14.5	-6	230	Trunk piston engine oils for highly rated medium speed diesel engines BN range from BN 15 to BN 55: optimal adaption to the sulphur content of the fuel in use Exceptional deposit control, especially in oil-cooled piston undercrowns
TEXMARINE 500 SAE 40	40	50	919	14.5	-6	230	
TEXMARINE 400 SAE 40	40	40	915	14.5	-6	230	
TEXMARINE 300 SAE 40	40	30	911	14.5	-6	230	
TEXMARINE 200 SAE 40	40	20	901	14.5	-6	230	
TEXMARINE 120 SAE 40	40	15	898	14.5	-6	230	
TEXMARINE 300 SAE 30	30	30	905	11.5	-6	230	
TEXMARINE 200 SAE 30	30	20	899	11.5	-6	230	
TEXMARINE 120 SAE 30	30	15	898	11.5	-6	230	
TEXMARINE TP 100 SAE 40	40	10	891	14.5	-15	230	High quality alkaline lubricants recommended for marine trunk piston engines running on ISO 8217 type DMA/DMB/DMC fuels Especially designed for applications requiring a higher level of detergency/ dispersancy and liner lacquer control
TEXMARINE TP 100 SAE 30	30	10	891	11.5	-15	230	



Industrial Lubricants



Meticulously formulated using premium base oils and carefully selected additives to ensure optimal performance in the most demanding machinery. Designed to serve a broad spectrum of industries—ranging from Mining, Agriculture to Power Generation, Metal Working, and commercial fleets—our comprehensive product range delivers the reliability and efficiency your operations depend on.

Agriculture

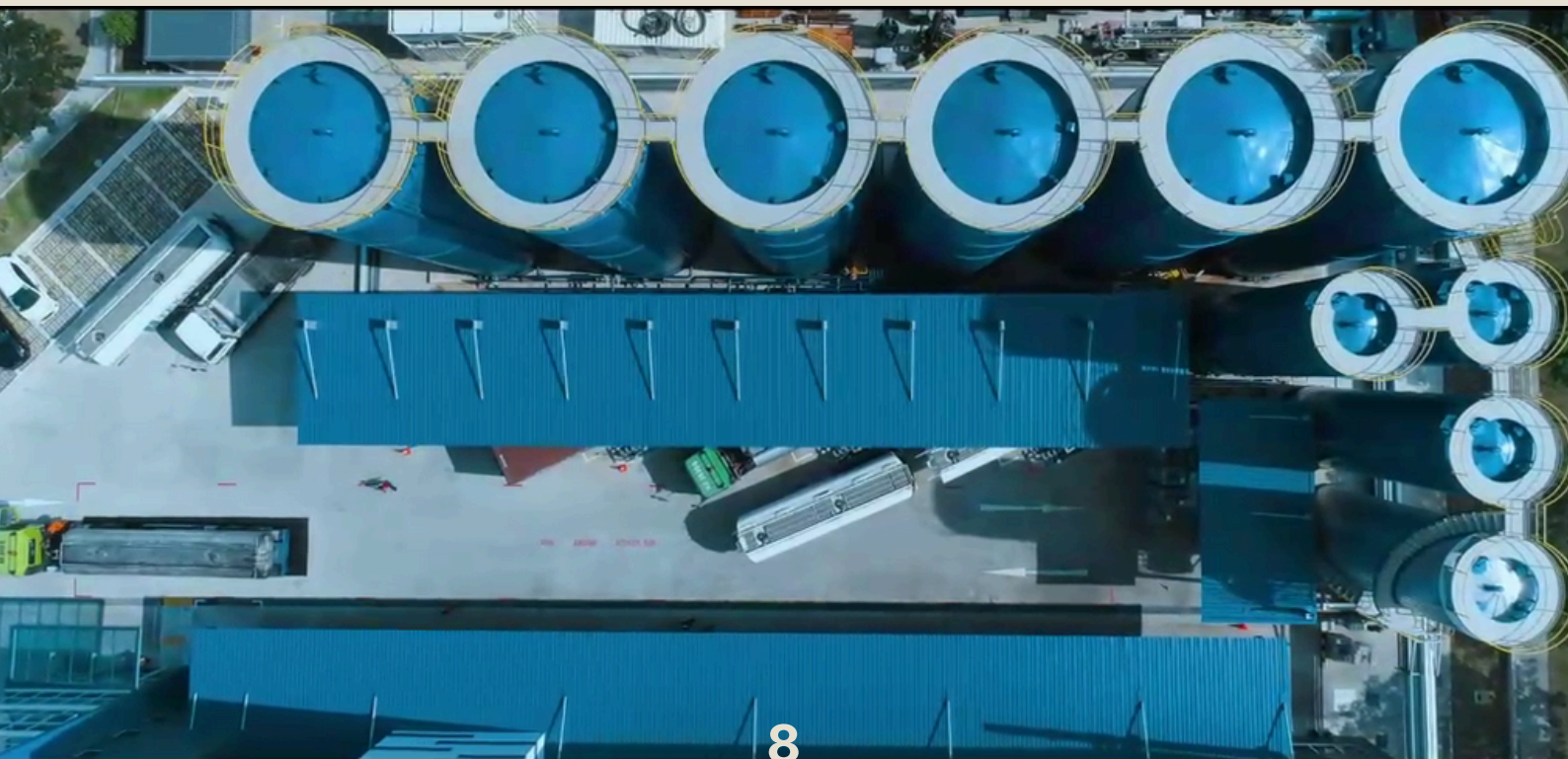
Agricultural Machinery Lubricants

MACHINE APPLICATION	PRODUCT	DESCRIPTION	AVAILABLE GRADES
Engines	Texas Triton SX5 CF-4/SG	Multigrade Engine Oils that provides excellent protection, cleanliness and efficiency. Suitable for diesel engines.	SAE 15W40, 20W50
	Texas Ultra Triton CI-4/SL		
Hydraulics	Texas Hydraulic AW	Zinc-based Hydraulic Oils that provides anti-wear, anti-corrosion and provides smooth power transfer.	ISO VG 32, 46, 68, 100
	Texas Hydraulic HS	High Shear Stability product available for improved oil change interval.	ISO VG 15, 32, 46, 68, 100,150
Universal Tractor Transmission Oil (UTTO)	Texas Agritrans	Texas Agritrans is a UTTO crafted for seamless performance in transmissions, hydraulic systems, oil-immersed brakes, and other critical components of agricultural tractors and off-road equipment	SAE 10W30
Super Tractor Oil Universal (STOU)	Texas STO	Texas STO is a multifunctional STOU for agricultural equipment, providing reliable performance in engines, transmissions, differentials with wet brakes, and integrated hydraulic systems of tractors.	SAE 10W30, 10W40, 15W40
Greases	Texas Grease LEP	Texas Grease LEP is a lithium-based multi purpose grease with smooth texture and exceptional mechanical stability. It is ideal for general-purpose use across a broad spectrum of industrial and automotive applications Texas Grease LXEP is a Lithium Complex based premium grease that allows higher pressure and temperature operations	NLGI 0, 1, 2, 3
	Texas Grease LXEP		

Mining



Mining Lubricants			
MACHINE APPLICATION	PRODUCT	DESCRIPTION	AVAILABLE GRADES
Heavy Duty Diesel Engine Oils	Texas Ultra Triton CI-4/SL	Premium, high-performance, heavy-duty diesel engine oil, recommended for many on- and off-road services, including construction equipment, generator set, coastal marine crafts, offshore oil rigs, mining and other applications. Available in Mineral, Semi Synthetic and Fully Synthetic. Meets and Exceeds performance requirements for API, ACEA and multiple OEMs such as Volvo, MAN, MTU, Cumming, Catepillar etc.	SAE 10W40,15W40, 20W 50
	Texas Triton TX9 CK-4/SN		SAE 5W30, 10W30, 10W40, 15W40
Gear Oils	Texas Texgear	Versatile gear oils designed to accommodate a wide range of gear types and applications. They deliver dependable protection under severe conditions, ensuring optimal performance and longevity for your equipment. Engineered to handle high stress and demanding environments, these oils maintain their effectiveness in extreme temperatures and pressures.	ISO VG 68, 100, 150, 200, 320, 460, 680
	Texas Texgear Syn (Synthetic Polyalpha-Olefin Based)		
	Texas Texgear PAG (Polyakylene Glycol Based)		
Axle & Transmission Oils	Texas Trans TD Heavy Duty Transmission & Drivetrain Lubricant	Heavy-duty transmission and drivetrain lubricants, engineered to surpass Caterpillar TO-4 specifications. Enhances performance of powershift transmissions, gearboxes, and final drives, while offering superior protection in high-pressure hydraulic systems.	SAE 10W, 30, 40, 50
	Texas Trans FD Final Drive and Axle Oil (FDAO)	Specially designed FDAO for use in heavy-duty final drives and axles in severe service. Outperforms TO-4 fluids with enhanced gear protection, micropitting resistance, corrosion defense, and foam stability, enabling upto double the extended oil drain intervals and reduced maintenance. meets or exceeds performance requirements of Cat FD-1 specifications	SAE 50, 60
	Texas Geartra TDL Total Driveline Lubricant	Top Tier Fully Synthetic Total Driveline Lubricant, engineered for dual application in both axle and transmission systems. Exceeding API GL-5 axle quality standards, this lubricant meets the demanding performance requirements of numerous long-drain approvals, ensuring superior protection and efficiency for extended service intervals	SAE 75W90, 75W140
	Texas Geartra EPX GL-5	Premium multi-purpose gear lubricants that ensures shear stability and maintains performance under extreme pressure. Advance additive technology provides anti-weld, anti-scuff, and anti-wear protection for heavy-duty gears even in severe conditions	SAE 80W90, 85W140
	Texas Geartra EPX GL-5 LS (Limited Slip Performance)	Meets or exceeds performance requirement of API GL -5, ZF TE-ML-07A, ZF TE-ML-08 Limited-Slip Performance equivalent product available.	SAE 80W90, 85W140
	Texas Hydraulic HS	Zinc-Based with High Shear Stability Hydraulic oil esigned to protect, perform and extend oil drain interval	ISO VG 15, 32, 46, 68, 100,150
Hydraulic Oils	Texas Hydraulic ZF	Top tier Zinc-Free Hydraulic Oil that has better filterability, improved oxidation and thermal stability with no reduction in Anti-Wear capabilities	ISO VG 15, 32, 46, 68, 100,150
	Greases	Texas Grease LEP	High quality Lithium, Lithium Complex and Lithium Complex + Molydenum Disulphide greases that are multipurpose and designed to simplify grease application process.
Texas Grease LXEP			
Texas Grease LXMEP		Alternative soap based grease such as Calcium, Calcium Sulphonate Complex, Polyurea also available.	



Power Generation



Stationery Power Generation			
Fuel Type	Products	Description	Available Grades
Natural gas or mild sour gas	TEXAS GEO LA (0.57% wt ash)	Delivers up to 200% longer drain intervals, providing excellent engine protection, reliability, and cost savings. It reduces deposits in pistons, ring zones, valve stems, and combustion chambers, ensuring optimal performance.	SAE 30, 40
Natural gas or sour gas	TEXAS GEO MA (0.75% wt ash)	Specially formulated for high performance stationary gas engines operating with steel pistons. Offers significant reduction of combustion chamber deposits and outstanding top ring groove deposit control	SAE 40
Sewage or sour gas or low halogen landfill gas operations	TEXAS GEO MA+ (0.93% wt ash)	Designed for 4-stroke gas engines in severe conditions such as cogeneration, sewage, sour gas, and low-halogen landfill gas applications, it offers superior performance under tough operating environments.	SAE 40
Distillate diesel or fatty-acid methyl ester	TEXAS TRITON GRADES	Wide range of diesel engine products in mineral, synthetic and fully synthetic grades.	

Fleet Lubricants

TRITON RANGE DIESEL ENGINE OIL			
PRODUCT	PERFORMANCE SPECIFICATIONS	TECHNOLOGY	AVAILABLE GRADES
Texas Ultra Triton CI-4/SL	<ul style="list-style-type: none"> · MAN M3275 · ACEA E7-22 · MTU Type II · Duetz DQC-III-18 · Volvo VDS 3 · Global DHD-1 · Cummins 20076/77/78 · MB P228.3 · Mack EO-N · Detroit Diesel DDC 93K215 · Renault RVI RLD-2 · Caterpillar ECF 2, 1a · JASO DH-1 	Mineral, Semi-Synthetic	SAE 10W30, 10W40 15W40, 20W50
Texas Triton A6	<ul style="list-style-type: none"> · ACEA E4-16, E7-16 · Volvo VDS 3.0 · API CF · Renault RLD/RLD-2/RD-2 · Mack EO-M Plus, Mack EO-N · MAN M3277 · MTU Cat 3 · MB228.5, MB235.28* · Cummins CES 20072, 20077* · Duetz DCQ III-10 · DAF – Extended Drain · Ford WSS-M2C212-A1 · Scania LDF-3 · ZF 04C · Voith Retarded Oil Class A*, Class B* 	Fully Synthetic	SAE 5W30*, 10W40
Texas Triton TX8 LA	<ul style="list-style-type: none"> · API CJ4/CI4+ · MAN M3477 / M3575 / M3271-1 · ACEA E9-16/E7/E6/E4 · MAN 3677 / 3691 (5W-30)* · JASO DH-2 · Cummins CES 20081 · Volvo VDS-4 · Deutz DQC IV-10 LA · Renault RLD-3 · Detroit Diesel 93K218 · Mack EO-O Premium Plus · Caterpillar ECF-3 · MB p228.31/228.51/235.28(10W-40) · Voith Retarder Class B(10W-40) · Scania Low Ash · MTU category 3.1 	Fully Synthetic	SAE 5W30*, 10W40
Texas Triton TX9 CK-4/SN	<ul style="list-style-type: none"> · Volvo VDS 4.5 · ACEA E11-22, E9-16 · Renault VI RLD-3 · Mack EOS-4.5 · MAN 3775 · Cummins CES 20086 · Detroit Diesel DFS93K222 · Ford M2C171-F · MB228.31 · MTU Type 2.1 · DQC III-10LA · CAT ECF-3 	Mineral, Semi-Synthetic, Fully-Synthetic	SAE 5W30, 10W30, 10W40, 15W40



Manufacturing Lubricants



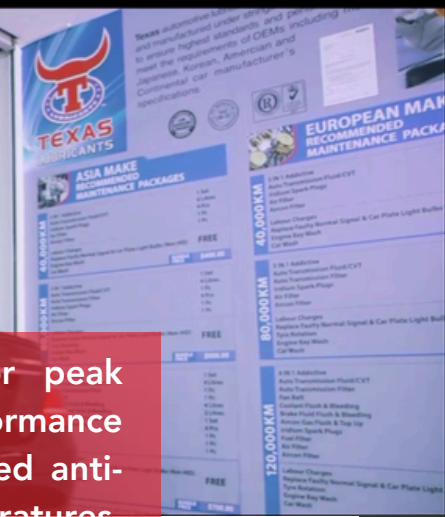
Manufacturing Lubricants			
LUBRICANT TYPE	PRODUCT	DESCRIPTION	AVAILABLE GRADES
Gear Oils	Texas Texgear	Versatile gear oils designed to accommodate a wide range of gear types and applications. They deliver dependable protection under severe conditions, ensuring optimal performance and longevity for your equipment. Engineered to handle high stress and demanding environments, these oils maintain their effectiveness in extreme temperatures and pressures.	ISO VG 68, 100, 150, 200, 320, 460, 680
	Texas Texgear Syn (Synthetic Polyalpha-Olefin Based)		
	Texas Texgear PAG (Polyalkylene Glycol Based)		
Compressor Oils	Texas Compressor R	Comprehensive range of compressor oils is expertly developed to meet the needs of rotary vane and piston-type compressors. Each oil is specifically formulated to provide equipment operators with the ideal solution for maximizing operational value. With enhanced wear protection, extended oil life, and superior system efficiency, these oils ensure your compressors run smoothly and reliably, minimizing downtime and optimizing performance across your operations	ISO VG 32, 46, 68, 100, 150
	Texas Compressor S (Synthetic GPIII Based)		
	Texas Compressor PAO (Synthetic Polyalpha-Olefin Based)		
	Texas Compressor SP (Synthetic Polyalpha-Olefin Based Reciprocating Air Compressor Oil)		
Turbine Oils	Texas Turbine T		ISO VG 32, 46, 68, 100, 150
Spindle Oils	Texas Spindle Oil	Specialized low-viscosity base oil is expertly blended with zinc-free additives, delivering exceptional performance in high-speed spindles of machining tools. Designed to extend equipment life and optimize performance, it ensures smooth, reliable operation even in the most demanding conditions, providing long-lasting protection and precision for your high-speed machinery.	ISO VG 10, 15, 22
Hydraulic Oils	Texas Hydraulic HS	Zinc-Based with High Shear Stability Hydraulic oil esigned to protect, perform and extend oil drain interval	ISO VG 15, 32, 46, 68, 100,150
	Texas Hydraulic ZF	Top tier Zinc-Free Hydraulic Oil that has better filterability, improved oxidation and thermal stability with no reduction in Anti-Wear capabilities	ISO VG 15, 32, 46, 68, 100,150
Working Fluids	Texas MC-S (Soluble Cutting Oil)	Specially designed cutting fluids offer high heat absorption, a high flash point, non-corrosive properties, excellent lubrication, and odorless stability. They keep tools cool, protect them from wear, improving performance and durability. Where required, cutting fluids have added biocide/fungicides which helps maintain the fluid's quality, and ensure a safe, clean working environment.	
	Texas MC-N Chlorine-Free (Neat Cutting Oil)		
	Teaxs MC-S Multi (Premium Multi-Metal Cutting Oil)	Wide range of Metal Working Fluids available including corrosion preventives, forming fluids, synthetic fluids	
Slideway Oils	Texas Slideway	Specially designed to to maintaining precision by providing a consistent lubricating film, even under slow feeds and high surface pressures, ensuring smooth movement, preventing stick-slip, reducing wear, and avoiding chatter marks on workpiece surfaces.	ISO VG 32, 46, 68, 100, 150, 220
Greases	Texas Grease LEP	High quality Lithium, Lithium Complex and Lithium Complex + Molydenum Disulphide greases that are multipurpose and designed to simplify grease application process.	NLGI 00, 0, 1, 2, 3
	Texas Grease LXEP		
	Texas Grease LXMEP	Alternative soap based grease such as Calcium, Calcium Sulphonate Complex, Polyurea also available.	



Automotive Lubricants



Designed to possess everything a vehicle needs for peak performance and lasting protection. Our high-performance products offer exceptional thermal stability and advanced anti-wear protection, ensuring smooth operation in all temperatures. They keep your engine clean by preventing sludge and deposits, while also improving fuel efficiency and reducing emissions.



PASSENGER CAR MOTOR OILS

PRODUCT	PERFORMANCE SPECIFICATIONS	TECHNOLOGY	AVAILABLE GRADES
Texas Titanium Revolution	·API SN/CF PI SN/CF ·ACEA C2-16,C3-16 ·MB-Approval 229.51,229.52 ·VW 505 00 / 505 01 ·BMW LL-04 ·GM dexos2TM ·Porsche A40, C40 ·VW 51100 ·Renault 0700/ 0710	Fully Synthetic	SAE 5W30, 5W40, 5W50
Texas Titanium Fully Syn	·API SN/CF PI SN/CF ·ACEA C2-16,C3-16 ·MB-Approval 229.51,229.52 ·VW 505 00 / 505 01 ·BMW LL-04 ·GM dexos2TM ·Porsche A40, C40 ·VW 51100 ·Renault 0700/ 0710	Fully Synthetic	SAE 5W30, 5W40
Texas Titanium API SP	·API SP ·ILSAC GF-6 (5W30,0W20)	Fully Synthetic	SAE 0W20, 5W30, 5W40
Texas Titanium TGX	·API SP ·ILSAC GF-6 (5W30)	Fully Synthetic	SAE 5W30, 5W40
Texas Titanium LS	·ACEA C4-10, C1-10 ·Renault RN0720 ·MB-Approval 226.51/229.51	Fully Synthetic	SAE 5W30, 5W40
Texas Titanium Semi-Syn	·API SP	Semi Synthetic	SAE 10W30, 10W40
Texas Galaxy Power	·API SP	Mineral	SAE 15W40, 20W50

TRANSMISSION OILS

PRODUCT	PERFORMANCE SPECIFICATIONS	TECHNOLOGY	AVAILABLE GRADES
Texas ATF Universal	GM, Allison, Ford Mercon, Honda/Acura, BMW, Chrysler etc. Please see product Technical Data Sheet for full list of Performance Standards for each transmission product.	Fully Synthetic	
Texas ATF DXVI		Fully Synthetic	
Texas ATF DIII-H		Mineral	
Texas CVT Fluid H/L		Fully Synthetic	
Texas DCT		Fully Synthetic	

AUXILIARY OILS

PRODUCT	PERFORMANCE SPECIFICATIONS	TECHNOLOGY	AVAILABLE GRADES
Texas Brake Fluid DOT 4	· Federal Motor Vehicle Safety Standard (FMVSS) No. 116 · SAE J-1703 · Federal Spec VV		
Texas Long-Life Radiator Coolant	· BS 6580:2010 · ASTM D3306 · Chinese GB 29743-2013 · Chinese NB/SH/T 0521- 2010	Organic Acid Technology	25% Conc, 50% Conc





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