



TEXACO

Texaco Delo for the agricultural industry



texacolubricants.com/Delo

Delo[®]

Welcome to Texaco® Delo® heavy duty lubricants.

Keeping your machinery performing year-round is part of our business. Making the most of your investment is yours. At Texaco Lubricants, we understand just how critical both of these are to your operation and your livelihood.

By working closely together, Texaco Lubricants can help solve challenges and unlock opportunities for your business. With high performing lubricants and a dedicated team for specialist advice, services and solutions, we offer proven expertise to help optimise your operation and keep you ahead of the competition.



▲ Go further with Texaco Delo

Vehicles used in the agricultural service need to work reliably both on and off road, ensuring that valuable harvests make it to their intended destination on time and in good condition.

As your professional partner, Texaco® Lubricants strives to balance the best possible durability for your equipment, while factoring in carbon emission reduction, cost efficiency and vehicle productivity.

We understand the challenges facing the agricultural industry today:

- New engine technology development
- Fuel type and quality
- Extending oil and coolant drain intervals
- Multiple critical component lubrication requirements
- Consolidation of lubricant products
- Energy efficiency
- Emission standards.

Our Texaco Delo® premium products are designed to deliver high-level protection and maximise the life of your key machinery and vehicles to help you save money, whether you're looking for improved running costs or less downtime.

Reliability and durability are our priority

Texaco Lubricants stands for one thing above all else – reliability. Properly lubricating the inside of a heavy duty diesel engine requires more than just creating a protective film. Delo heavy duty engine oils provide soot dispersancy, wear protection and sludge control, to guard against loss of engine life and help reduce fuel and oil consumption.

Additionally, Texaco Delo products deliver integrity and performance as proven by various bench testing results. Texaco's industry-leading lubricants have logged countless hours providing protection to diesel engine parts and key components in agricultural equipment.



Texaco Delo: World-class protection for your engine

Texaco® Delo® advanced engine oils for tractors, harvesters and sprayers are formulated to provide diesel engine parts protection and performance in the wide range of operating conditions experienced by agricultural equipment.

Heavy duty engine oils

Delo 600 ADF SAE 10W-30

Ultra-low ash CK-4, E11/E9/E8/E6 engine oil meeting the latest EU standards

Product highlights:

Designed for reduced DPF clogging and maintenance
Formulated for reliable engine protection
Promotes improved fuel economy performance
Helps resist oil filter clogging, sludge and wear
Aids long oil drain service
Offers robust engine and DPF protection

Delo 600 ADF SAE 15W-40

Ultra-low ash CK-4, E11/E9/E6 engine oil, recommended for on-highway and off-highway applications

Product highlights:

Promotes reduced DPF clogging and maintenance
Designed for reliable engine protection
Offers improved fuel economy performance
Helps resist oil filter clogging, sludge and wear
Formulated for long oil drain service
Aids robust engine and DPF protection

Delo 400 XSP-SD SAE 5W-30

Long-drain CK-4, E11/E9/E8/E7/E6 engine oil with optimum fuel economy performance

Product highlights:

Designed for fuel economy and engine service life
Helps reduce inventories and misapplication
Offers protection in sub-zero engine starts
Extended drain formulation
Promotes DPF protection and service life

Delo 400 XLE SAE 10W-30

Long-drain CK-4, E11/E9/E6 low SAPS engine oil with some fuel economy benefits

Product highlights:

Designed for high performance oxidation resistance
Promotes wear and corrosion protection
Helps improve fuel economy
Backwards compatible
Formulated for optimum DPF life
Offers low temperature protection

Delo 400 XLE LD SAE 10W-40

Long-drain CK-4, E11/E9/E8/E7/E6 low SAPS engine oil

Product highlights:

Suitable for a range of applications, reducing inventory requirements
Helps reduce operating costs through piston rings protection and deposit control
Designed to offer extended drain performance
Formulated for good cold start protection
Low SAPS formulation helps improve emissions system performance

Delo 400 SLK SAE 15W-40

CK-4, E11/E9 heavy duty engine oil, designed for applications with SCR and GPF/DPF systems

Product highlights:

Designed for piston deposit control and turbocharger protection
Offers wear and corrosion resistance
Backwards compatible with API Oil Service Categories
Formulated for optimum DPF life

 Product features fuel economy attributes

Advanced technology from Texaco®



Advanced ISOSYN Technology: helping to maximise engine durability and minimise operating costs

Our Delo® top tier products are formulated with ISOSYN Technology, a combination of premium base oils with high performance additives as well as our formulation expertise, which provides protection for diesel engine parts, all at great value.



Premium base oils



High performance additives



Formulated expertise



Designed to protect critical engine parts, ISOSYN Technology's focused parts protection gives you the performance, protection and confidence you need to help your business drive profit.

Delo Gold Ultra E SAE 15W-40

CI-4, E7 engine oil

Product highlights:

Promotes resistance to low temperature sludge and high temperature deposits
Aids engine and bearing corrosion protection
Designed to protect against wear and bore polishing
Formulated for protection against deposits and filter plugging

Delo Gold Ultra T SAE 10W-40

Long-drain CI-4, E7/E4 engine oil

Delo Gold Ultra E SAE 10W-40

CI-4, E7 engine oil

Delo 400 RDE SAE 10W-30

Long-drain CI-4, E11/E9/E8/E7/E6 low SAPS engine oil with some fuel economy benefits

Delo 400 RDS SAE 10W-40

Long-drain CI-4, E11/E9/E8/E7/E6 low SAPS engine oil



Revolutionary OMNIMAX Technology that reduces DPF maintenance and fuel costs by providing outstanding protection to both the engine and the emissions aftertreatment system.

Diesel particulate filters (DPFs) are commonplace in most diesel engine applications, ensuring that they comply with ever tightening emissions regulations for non-road mobile machinery (NRMM), by collecting up to 98% of the particulate matter (PM) found in exhaust emissions.

However, over time, the ash element of the PM emissions collected by the DPF builds up, reducing DPF efficiency and increasing fuel consumption.

Texaco Delo 600 ADF uses our patented OMNIMAX technology which sets us apart from the competition by offering an unmatched value proposition for customers with modern, low emission engine technology.

- **Delo 600 ADF** produces less, more dense ash so a greater area of the DPF is available for the combustion of soot.
- **Delo 600 ADF** reduces back pressure on the engine and triggers less frequent DPF regeneration; as a result, Delo 600 ADF oil can yield a fuel economy benefit as high as 3% over the life of the system (and as much as 5% in an aged DPF when compared to a clean DPF).
- **Delo 600 ADF** creates 60% less DPF-blocking ash resulting in more uptime and reduced maintenance costs...which could extend DPF cleaning intervals up to 2.5 times.



With the stop-and-go nature of the agricultural sector, and with increased hours of operation during the harvesting season, the benefit of increased drain intervals that Texaco Delo 600 ADF offers can help with idle equipment over the winter period.



Better soot dispersancy helps **minimise downtime**

Up to **3%** increase in fuel economy

Up to **2.5x** longer DPF service life

Texaco: Critical component durability for the long-term

To keep your agricultural equipment operating at high efficiency takes premium products to help ensure ongoing protection.

Texaco® universal tractor oils and hydraulic fluids offer wide temperature range coverage, wear control, seal compatibility, oxidation stability and stay in-grade viscosity performance, providing long-term performance versus low tier tractor hydraulic fluids.

Our Texaco gear and driveline oils provide wear protection to differential gears in agricultural operation and extended-drain performance for equipment durability and maintenance value.

Universal tractor oils

Texaco 1000 THF and Super Universal Tractor Oil Extra are engineered for long life, oxidation resistance and wear performance to protect critical components. They are recommended for use over a wide range of OEM specifications including John Deere, Case New Holland, International Harvester, Kubota, White Farm Equipment and others.

1000 THF
Multi-functional tractor hydraulic fluid

Product highlights:

Helps protect against scuffing and wear
Formulated for quiet and efficient operation
Designed to reduce inventories and costs
Offers resistance to varnish and sludge
Provides protection against rust and corrosion

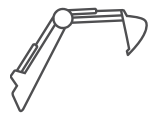


Super Universal Tractor Oil Extra
SAE 10W-30, 10W-40

Multi-purpose Super Tractor Oil Universal (STOU) lubricants

Product highlights:

Formulated for Super Tractor Oil Universal (STOU) service
Assists smooth, quiet operation
Aids critical low temperature start-up protection
Helps prevent in-service oil thickening
Promotes protection in vulnerable bearings



Hydraulic oils

Our comprehensive range of Texaco® hydraulic oils, including mineral, synthetic and biodegradable fluids, suitable for use in a wide range of applications.

Clarity Synthetic Hydraulic Oil AW 32, 46, 68

Zinc-free premium performance synthetic hydraulic oils

Product highlights:

Ultra high performance wear and oxidation protection
Rust and corrosion resistance
Hydrolytic stability, rapid water separation, foam inhibition and filterability
Very low acute aquatic toxicity

Clarity Hydraulic Oil AW 32, 46, 68

Ashless high performance long life hydraulic oils

Rando HD LVZ 32, 46, 68

Zinc-based premium performance high productivity synthetic hydraulic oils

Rando HDZ 32, 46, 68

Multi-viscosity anti-wear hydraulic fluids

Rando HD 15, 22, 32, 46, 68

Zinc-based monograde hydraulic oils

Hydraulic Oil HVI 32, 46, 68

Heavy duty zinc-based multi-viscosity anti-wear hydraulic oils

Hydra 32, 46

Biodegradable hydraulic fluids for applications where environmental contamination may occur



Gear & driveline lubricants

Texaco gear and driveline oils for differential gears are formulated with special anti-wear compounds to protect gears and bearings of axle compartments from various modes of failure, while maintaining full-metal and seal compatibility.

Delo Syn-TDL SAE 75W-90

Volvo 97312 approved Total Driveline lubricant

Product highlights:

Suitable for many synchronised manual transmissions and final drives
Long-drain capability
Offers extended service capabilities
Provides reliable EP protection and wear resistance
Offers rapid oil circulation during cold start-up

Geartex LS SAE 85W-90

Automotive gear lubricant formulated for use in limited slip differentials that require an API GL-5 fluid



Advanced technology from Texaco®

Durability by design

At peak and crucial times, such as harvest or planting, tractors and other equipment can work 24 hours a day, if conditions are right, and any stoppages could ruin a crop or delay planting. Some tractors will run for more than 1,000 hours a year, which puts pressure on drive systems.

16,000*
HOURS
operation

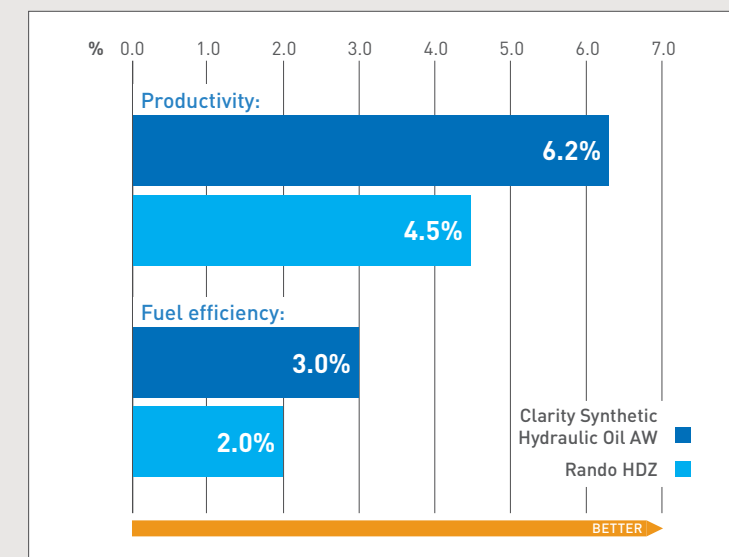
Although many farms have more frequent replacement policies, a well-maintained tractor, harvester or sprayer can have a working life of more than 15 years. During that time, they may be exposed to very high or very low temperatures and very wet or dry conditions, which put strain on engines, parts and chassis. That's why Texaco lubricants are designed not just to protect machinery during operation, but are durable enough to handle the cyclical operation that is almost unique to farming.

Durability is at the core of Texaco product design and it's that quality which means our range of engine oils, gear oils, transmission oils, coolants and greases consistently perform, day in and day out, to meet the most rigorous standards set by OEMs and the industry.

Increased fuel/energy efficiency in the drivetrain

Clarity Synthetic Hydraulic Oil AW and Rando HDZ – gain in productivity and efficiency, as shown in drivetrain tests (gain in %)

Field test results showing the increased efficiency of synthetic multigrade shear stable technology hydraulic oils versus traditional or single grade oils.**



* Achieved on a South African farm

** Some final drives may not be compatible with hydraulic oil. Always refer to the information provided in the operator's manual.



Texaco greases: Smoother running for heavy loads

Ensuring that every part of your agricultural equipment runs smoothly is critical to achieving total reliability.



Greases

Texaco® premium grease products are formulated to provide high performance and long-life protection in adverse climates and tough operating environments.

Marfak Bio EliteSyn HD 2

Calcium anhydrous grease for bearing applications in wet and corrosive environments

Product highlights:

Environmentally accepted lubricating (EAL) grease
Biodegradable formulation
Offers good component wear and corrosion prevention
Provides effective adhesion for good component protection
Advanced performance even in wet and corrosive environments

Starplex EP 2

Extreme pressure multi-purpose lithium complex grease for wheel bearing and chassis applications

Product highlights:

Advanced EP formulation offers good bearing protection
High dropping point helps to minimise leakage
Designed for good oxidation resistance
Formulated to offer effective protection in wet conditions
Multi-purpose capability helps reduce inventory costs

Marfak XD 2 M3 [Texclad 2]

Calcium grease containing Molybdenum Disulphide (MoS₂) and graphite

Multifak EP 2 M3 [Molytex EP 2]

Multi-purpose lithium grease for ball-bearing applications requiring MoS₂

Marfak Na XD 00 [Marfak 00]

Sodium grease designed to provide inherent rust protection

Texaco coolants: Protecting all types of cooling systems

The heavy working diesel engines in agricultural vehicles and equipment produce an enormous amount of heat, so to keep them operating efficiently requires a high performing, extended life coolant – plus a good coolant maintenance programme.



Antifreeze/Coolants

Texaco® Antifreeze/Coolants deliver optimum engine performance and simplify the way cooling systems are maintained. Our patented corrosion inhibitors help reduce corrosion in cooling system parts, while reducing deposit formation and improving heat transfer throughout their life in your engine.

Compared to conventional coolants, our products can help minimise operational cost, while helping to maximise your engine life without the need for supplemental additives.

Delo XLC Antifreeze/Coolant Concentrate, Premixed 40/60

Extended life antifreeze/coolants

Product highlights:

Formulated for long, low maintenance service life
Offers at least 8 years or 15,000 hours in off-highway use
Promotes reliability and corrosion protection
Contributes to reliable hard water stability
Aids high temperature corrosion protection

EGX Antifreeze/Coolant Concentrate, Premixed 50/50

OAT-based coolants, designed to provide year-round frost, corrosion and boil protection in cars, vans and heavy duty applications

Product highlights:

Advanced heat transfer performance
Longlife OAT-backed performance
Good high temperature oxidation and pH stability
Neutralisation package helps prevent gels or deposits

Delo XLI Corrosion Inhibitor Concentrate

Extended life corrosion inhibitor

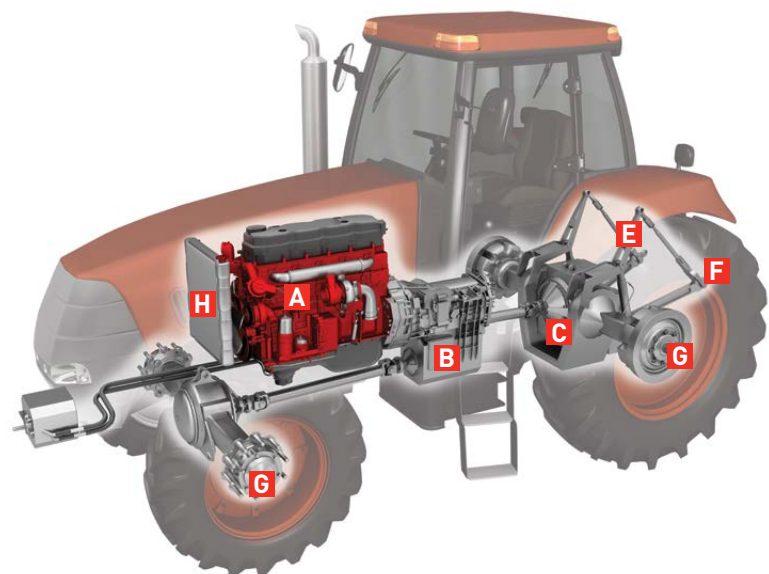


Protecting your vehicles, bumper-to-bumper

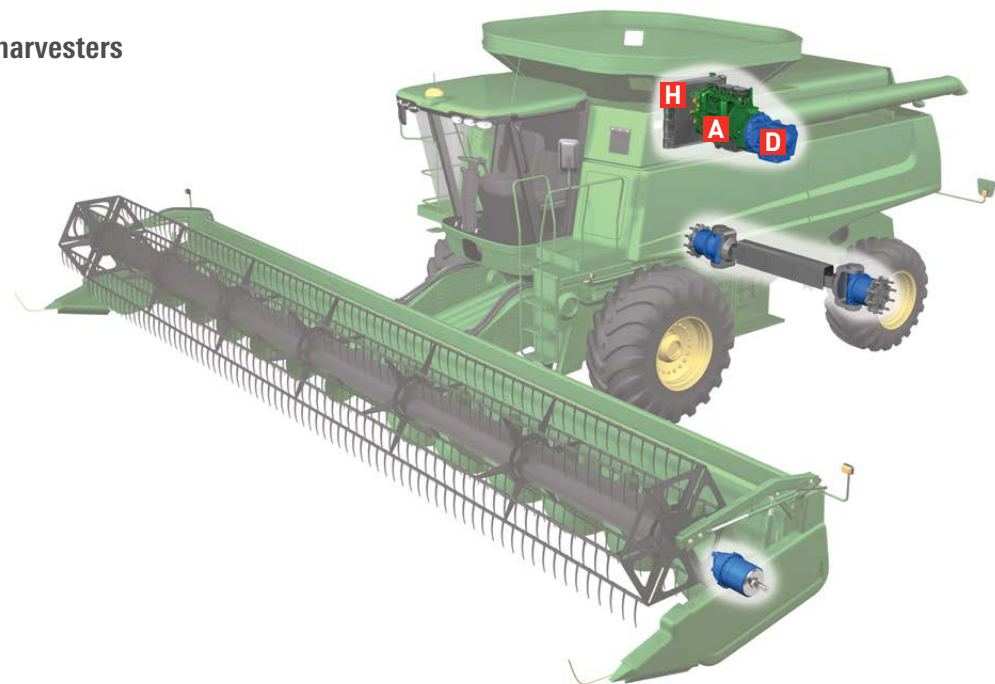
Texaco® heavy duty engine oils, extended life coolants, greases and gear oils are specially formulated to help meet the intense demands your agricultural equipment and tractors face.



Choosing the proven performance of Texaco quality lubricants supports an operator's need for optimal reliability and performance, under diverse operating conditions and for long periods of time. This could mean a higher return on investment, hour after hour.



Tractors



Combine harvesters



		
Engine (crankcase)		
Delo 600 ADF SAE 10W-30	A	A
Delo 600 ADF SAE 15W-40	A	A
Delo 400 XSP-SD SAE 5W-30	A*	A*
Delo 400 XLE SAE 10W-30	A	A
Delo 400 XLE LD SAE 10W-40	A	A
Delo 400 SLK SAE 15W-40	A	A
Delo Gold Ultra E SAE 15W-40	A	A
Delo 400 RDE SAE 10W-30	A	A
Delo 400 RDS SAE 10W-40	A	A
Delo Gold Ultra T SAE 10W-40	A	A
Delo Gold Ultra E SAE 10W-40	A	A
Transmission		
1000 THF	B	
Super Universal Tractor Oil Extra SAE 10W-30, 10W-40	B	
Differentials & gear drives		
1000 THF	C	
Super Universal Tractor Oil Extra SAE 10W-30, 10W-40	C	
Geartex LS SAE 85W-90	C	
Engine gearbox		
Delo Syn-TDL SAE 75W-90		D
1000 THF		D
Super Universal Tractor Oil Extra SAE 10W-30, 10W-40		D
Rando HD LVZ 46, 68		D
Rando HDZ 46, 68		D
Other gearboxes & final drives		
Delo Syn-TDL SAE 75W-90		✓
Gear Oil GL-5 SAE 80W-90		✓

		
Hydraulic & hydrostatic system		
1000 THF	E	✓
Super Universal Tractor Oil Extra SAE 10W-30		✓
Clarity Synthetic Hydraulic Oil AW 32	E	
Clarity Synthetic Hydraulic Oil AW 46, 68	E	✓
Clarity Hydraulic Oil AW 32	E	
Clarity Hydraulic Oil AW 46, 68	E	✓
Rando HD LVZ 32	E	
Rando HD LVZ 46, 68	E	✓
Rando HDZ 32	E	
Rando HDZ 46, 68	E	✓
Rando HD 32	E	
Rando HD 46, 68	E	✓
Hydraulic Oil HVI 32	E	
Hydraulic Oil HVI 46, 68	E	✓
Hydra 46, 68	E	✓
General lubrication		
Mulfak EP 2 M3 (where extra protection required, e.g. pinions and attachments)		✓
Hitch pins		
Starplex EP 2	F	
Mulfak EP 2 M3	F	
Bearings		
Starplex EP 2	G	
Grease points		
Marfak Bio EliteSyn HD 2		✓
Starplex EP 2		✓
Marfak XD 2 M3		✓
Mulfak EP 2 M3 (where extra protection required, e.g. pinions and attachments)		✓
Marfak Na XD 00		✓
Coolant system		
Delo XLC Antifreeze/Coolant Concentrate, Premixed 40/60	H	H
EGX Antifreeze/Coolant Concentrate, Premixed 50/50	H	H



For a full list of product recommendations for your vehicle, visit: texacolubricants.com/DeloProductSelector

* Some engines may not be compatible with SAE 5W-30 oil. Always refer to the information provided in the operator's manual.

Texaco: With you for the long haul

Running a farming business is challenging and requires vehicles and equipment that must keep operating everyday in order to stay profitable. So, Texaco® Lubricants are here for you, offering industry knowledge, high quality products and customised services to keep you moving forward.

Reliability

Texaco's lubrication expertise combined with superior products and a tailored service programme work together to help your business. Specialists who understand agricultural equipment can conduct an assessment of your current lubrication programme to help identify areas for improved performance compared to industry-best peers.

Protection you can rely on

We have a history of heavily investing in research and development to ensure your vehicles and machinery get the utmost protection, from bumper-to-bumper. We're so confident about the quality of our products, that we offer a Texaco warranty you may not find from other manufacturers.

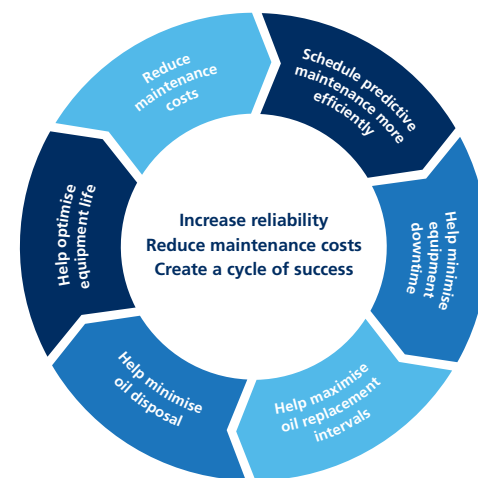
LubeWatch used oil analysis

Due to the long hours and extreme conditions in which agricultural equipment operates, it's critical to analyse the oil used. However, with farms often operating 24/7 at peak times, it's an expensive exercise having to bring the operation to a halt.

That's why our LubeWatch Oil Analysis programme offers a simple and effective way to track the performance of equipment. By analysing oil samples on a regular basis, you can help optimise oil replacement intervals, identify lubricant-related needs and understand the changing environment within a piece of equipment. This knowledge helps in the precise scheduling of maintenance work that can reduce downtime or even eliminate the risk of catastrophic failure.

LubeWatch® Oil Analysis Program

To find out more about how our products and services can assist you, contact your Texaco Representative, your Authorised Texaco Lubricants Distributor or visit texacolubricants.com/Delo



Texaco® Delo®.
Helping you and your business go further.



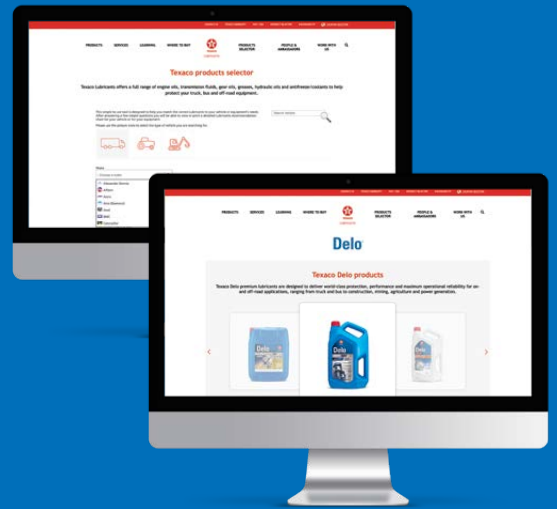
Find the right Texaco® product for your equipment

Texaco's full line of lubricants, transmission fluids, gear oils, greases, hydraulic oils and coolants are designed to protect practically every moving part of your equipment and vehicle.

The Texaco Product Selector is fast and easy to use, helping you select your product in seconds by entering your license plate number or selecting the make and model of your vehicle or equipment.



Scan to view the Texaco Product Selector tool or visit:
texacolubricants.com/DeloProductSelector



Chevron's Family of Brands

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