

**KEEPING THE  
WORLD  
RUNNING  
SMOOTHLY.**



**HEAVY-DUTY PRODUCTS**  
CONSTRUCTION

**Graders. Loaders. Dozers. Dump trucks. Cranes.  
We offer the most innovative lubricants for every  
piece of heavy equipment on any project—from  
the moment you break ground until the final  
inspection is complete.**



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**First, you move the dirt. Then, you move concrete, glass and steel. And through it all, you must remain moved by your own tenacity and grit—while protecting your equipment from the grit of the earth that threatens to stop progress in its continuous tracks.**



## HYDRAULICS

### POWERDRIVE® SYNTHETIC ALL-SEASON TO-4 FLUID

Premium, synthetic multifunctional fluid for transmissions, final drives and hydraulic systems where Caterpillar TO-4 requirements are specified

### POWERDRIVE FLUID 10W

High-performance multifunctional fluid for transmissions, final drives and hydraulic systems where Caterpillar TO-4 requirements are specified

### T5X® OFF-ROAD MOBILE HYDRAULIC FLUID

High-performance fluid for Caterpillar hydraulic systems and other off-highway mobile equipment, plus in hydrostatic transmissions of some off-road equipment

**Dedicated hydraulic systems only:**

### SYNCON® AW HYDRAULIC FLUID

Premium-quality, synthetic anti-wear hydraulic fluid for industrial and mobile equipment operating at extreme temperatures

### POWERFLOW™ HE HYDRAULIC OIL

High-viscosity-index, anti-wear hydraulic oil for mobile equipment operating in cold climates and under wide temperature variations

### ULTRA POWERFLOW HE

Ultra-high-efficiency, high-viscosity-index, anti-wear hydraulic oil for use in cold climates or under wide temperature variations. Recommended for use in construction equipment manufactured by Komatsu and others

### MEGAFLOW® AW HVI 32

High-viscosity-index, anti-wear hydraulic oil for industrial and mobile equipment operating in cold climates or in locations with wide temperature variations

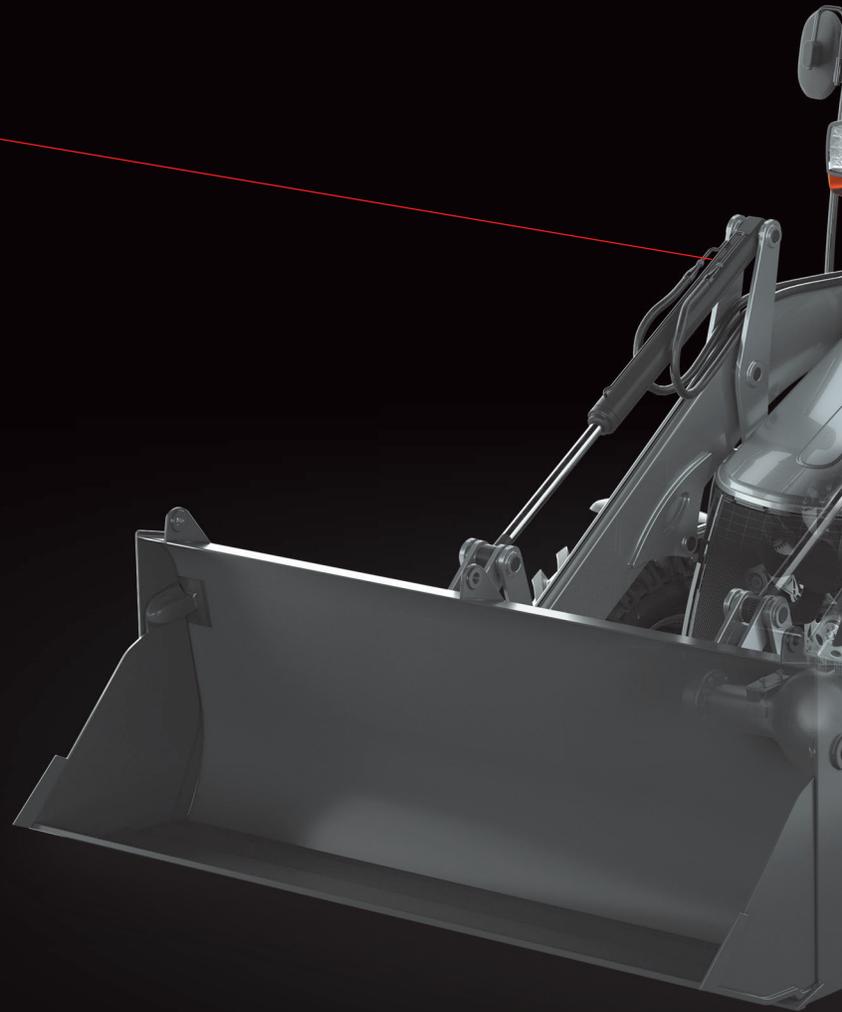
## DIFFERENTIALS AND AXLES

### MP GEAR LUBE

Multipurpose, API GL-5/MT-1, gear lubricant for truck axles with hypoid gear sets and some heavy-duty manual transmissions

### POWERDRIVE FLUID 50

High-performance multifunctional fluid for differentials, final drives and heavy-duty manual transmissions where Caterpillar TO-4 requirements are specified



## GREASE POINTS

### MULTIPLEX® FS 220

Premium quality, synthetic, extreme-pressure, lithium complex grease developed for industrial and automotive equipment operating at extreme temperatures or over a wide temperature range

### MULTIPLEX FS 460

Multipurpose, synthetic, extreme-pressure lithium complex grease for industrial, mining and mobile off-road equipment operating in wet conditions and extreme temperatures or over a wide temperature range

### OMNIGUARD® FS XD5

Premium, synthetic, extreme-pressure calcium sulfonate grease with 5% moly. Excellent resistance to water washout, rust and corrosion

### OMNIGUARD 220

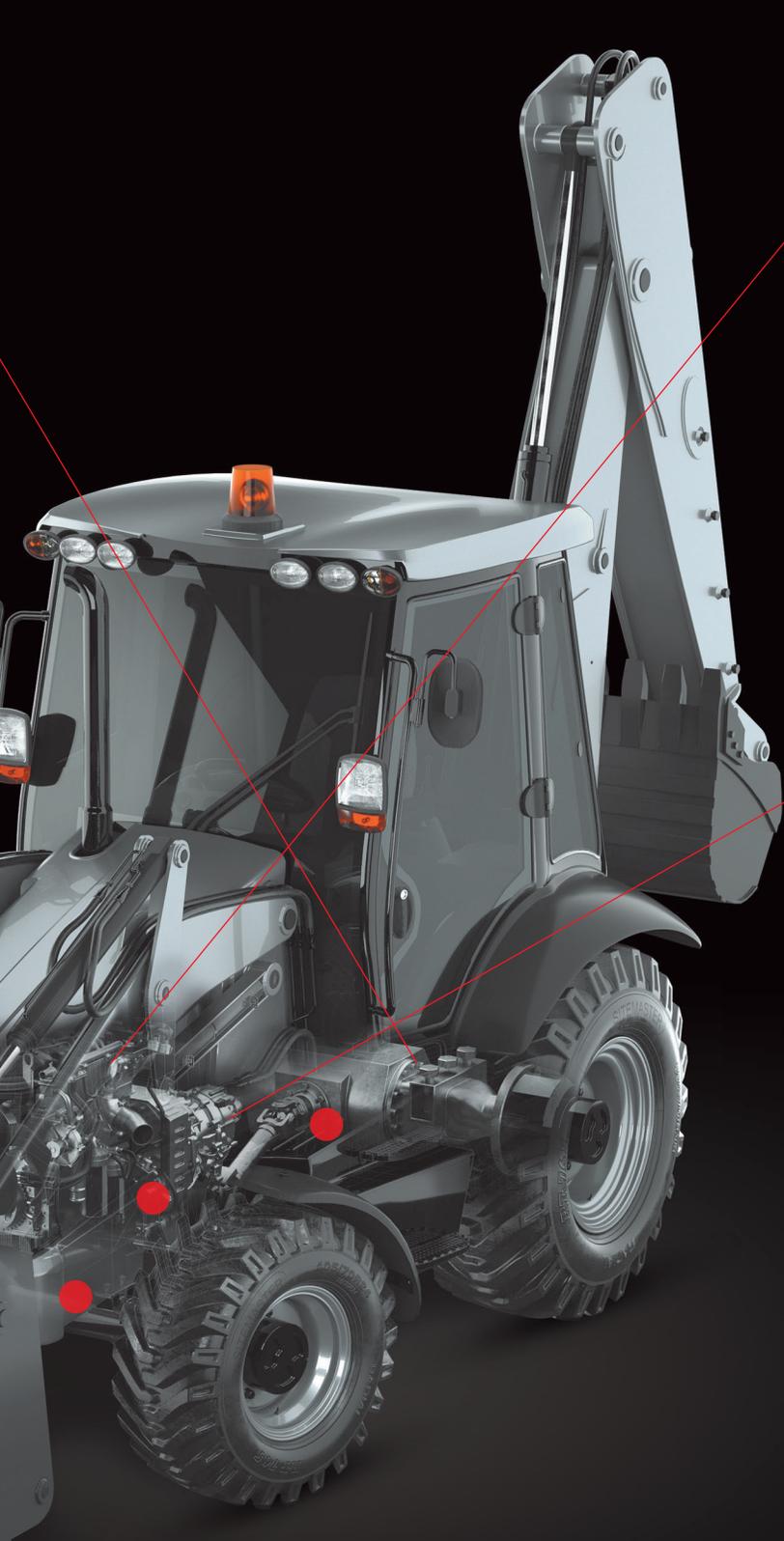
Multipurpose, extreme-pressure, corrosion-preventive calcium sulfonate grease for use in equipment operating in wet or corrosive environments

### OMNIGUARD XD5

Premium, extreme-pressure, calcium sulfonate grease with 5% moly for use in off-road equipment manufactured by Caterpillar, Terex, Komatsu Dresser, Le Tourneau, P&H and others

### DYNALIFE® 220

Multipurpose, extreme-pressure lithium grease used in a wide variety of industrial and automotive applications where operating temperatures and loads are moderate



## ENGINE CRANKCASE

### GUARDOL ECT® 15W-40 WITH LIQUID TITANIUM® PROTECTION ADDITIVE

API CK-4 synthetic blend diesel engine oil with exclusive wear protection

### FLEET SUPREME EC® 15W-40

API CK-4 diesel engine oil for low-emission engines

### POWER-D® 15W-40

API CI-4 PLUS universal engine oil

## TRANSMISSION

### POWERDRIVE SYNTHETIC ALL-SEASON TO-4 FLUID

Premium, synthetic multifunctional fluid for transmissions, final drives and hydraulic systems where Caterpillar TO-4 requirements are specified. Ideal for extreme cold-weather applications as well as year-round service in most climates

### POWERDRIVE FLUID 30

High-performance multifunctional fluid for transmissions, final drives and hydraulic systems where Caterpillar TO-4 requirements are specified

## MULTIPLEX 220

Multipurpose, extreme-pressure lithium complex grease for operations at moderate to high temperatures

## MULTIPLEX 600

Multipurpose, extreme-pressure lithium complex grease for equipment operating under heavy loads at moderate to high temperatures

## MEGAPLEX® XD3

High performance, multipurpose, extreme-pressure lithium complex grease (3% molybdenum disulfide) developed to satisfy the severe lubrication requirements of construction and off-road equipment

## MEGAPLEX XD5

High-performance, multipurpose, extreme-pressure lithium complex grease (5% molybdenum disulfide) for off-highway trucks and heavy equipment

## MULTIPLEX 460

Premium-quality, extreme-pressure lithium complex grease for heavily loaded construction, mining and industrial equipment; also used as a chassis grease

# CK-4 & FA-4 CERTIFIED OILS



**TRITON FE**  
FULL SYNTHETIC  
FA-4



**TRITON EURO**  
FULL SYNTHETIC  
CK-4 | MB 228.51



**TRITON® ARCTIC**  
FULL SYNTHETIC  
CK-4



**TRITON ECT**  
FULL SYNTHETIC  
CK-4



**GUARDOL FE®**  
SYNTHETIC BLEND  
FA-4



**GUARDOL ECT®**  
SYNTHETIC BLEND  
CK-4



**FLEET SUPREME EC®**  
CONVENTIONAL  
CK-4



**FIREBIRD® EC**  
RE-REFINED  
CK-4

We engineer solutions for the daily grind. Putting every product through the ringer to ensure superior performance. Like our API CK-4 and FA-4 engine oils, which endure millions of miles of testing to improve fuel efficiency and minimize emissions.

# SPECIALTY LUBRICANTS FOR CONSTRUCTION

## AIR TOOL/ROCK DRILL APPLICATIONS

### CP OIL

Low-viscosity, corrosion-preventive oil for air tools and other pneumatic equipment lubricated through air-line lubricators

### MAROK®

High-quality, adhesive extreme-pressure lubricant for air tools, rock drills, jackhammers, pavement breakers and other pneumatic equipment

### ROCK DRILL OIL

Adhesive extreme-pressure lubricant for air tools, rock drills, jackhammers, pavement breakers and other pneumatic equipment

## GEAR OIL OPTIONS

### EXTRA DUTY GEAR OIL

Premium, extreme-pressure gear oil with "clean gear" additive technology for enclosed gear drives

### GLW

Premium-quality, extreme-pressure industrial gear oil developed for the lubrication of heavily loaded enclosed gear drives operating under severe service conditions

### GLW-E

Premium-quality, extreme-pressure industrial gear oil that emulsifies with water for the lubrication of heavily loaded enclosed gear drives

### GEAR SHIELD®

Viscous, adhesive, residual compounded gear lubricant cut back with a volatile, non-chlorinated solvent

### OPEN GEAR LUBE

Viscous, tacky, residual compounded gear lubricant cut back with a volatile, non-chlorinated solvent

## HYDRAULIC SPECIALTY FLUID

### POWERFLOW™ NZ HYDRAULIC OIL

Inherently biodegradable, nontoxic, zinc-free, anti-wear hydraulic oil for use in equipment operating in environmentally sensitive areas

### POWERFLOW NZ HE HYDRAULIC OIL

Inherently biodegradable; high-efficiency, high VI, zinc-free anti-wear hydraulic oil; separates from water

### POWERFLOW NZ HE-E HYDRAULIC OIL

High-efficiency, high VI, zinc-free anti-wear hydraulic oil; emulsifies with water

### FIREBIRD AW HYDRAULIC OIL

Environmentally responsible, anti-wear hydraulic oil formulated with a blend of high-quality conventional and re-refined base stocks

## SPECIALTY ARCTIC APPLICATIONS

### TRITON ARCTIC DIESEL ENGINE OIL

API CK-4 full synthetic diesel engine oil for use where the low-temperature properties of an SAE 0W-40 is required

### POWERDRIVE® SYNTHETIC ARCTIC TO-4 FLUID

Synthetic multigrade Caterpillar TO-4 fluid for off-highway equipment in arctic climates

## SPECIALTY FINAL DRIVE

### POWERDRIVE FLUID 6000

Final Drive and Axle Oil (FDAO) for Caterpillar off-highway equipment where the Caterpillar FD-1 specification is required

## OTHER SPECIALTY

### CIRCULATING OIL

High-quality, rust-inhibiting mineral oil for use in circulating systems subject to contamination

## GEAR OILS



**TRITON SYN GL**  
FULL SYN API GL-5



**MP GEAR LUBE**  
API GL-5



**TRITON SYNGEAR FE**  
FUEL-EFFICIENT  
API GL-5



**EXTRA DUTY GEAR OIL**  
PREMIUM  
EXTREME-PRESSURE  
INDUSTRIAL



## GREASES



**MEGAPLEX® XD3**  
NLGI #2



**DYNALIFE® 220**  
NLGI #2



**MULTIPLEX® FS 220**  
NLGI #2



**OMNIGUARD® XD5**  
NLGI #2

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Phillips 66<sup>®</sup> Lubricants offers a complete line of products for a wide variety of industries.  
Check with your supplier today for more information and product availability.

For more information, call our Technical Hotline at **877.445.9198** | **PHILLIPS66LUBRICANTS.COM**

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