



AMBRA®

The only lubricants
recommended by
NEW HOLLAND





PETRONAS Lubricants International (PLI) is the global lubricants manufacturing and marketing arm of PETRONAS, the national oil corporation of Malaysia, ranked amongst the largest corporations in the world.

PETRONAS Lubricants International works in partnership with New Holland to design, develop and deliver Fluid Technology Solutions™ to guarantee consistent peak performance in the most demanding conditions.

AMBRA® FLUIDS AND LUBRICANTS DELIVER PEAK PERFORMANCE

AMBRA® fluids and lubricants are engineered with a guarantee of quality. This latest generation of AMBRA® lubricants is specially formulated for New Holland equipment; while also meeting or exceeding the top performance requirements of agricultural and industrial manufacturer's across the industry. Season after season, AMBRA® fluids and lubricants deliver optimum protection, peak performance and assurance that what you're putting into your equipment is top quality.

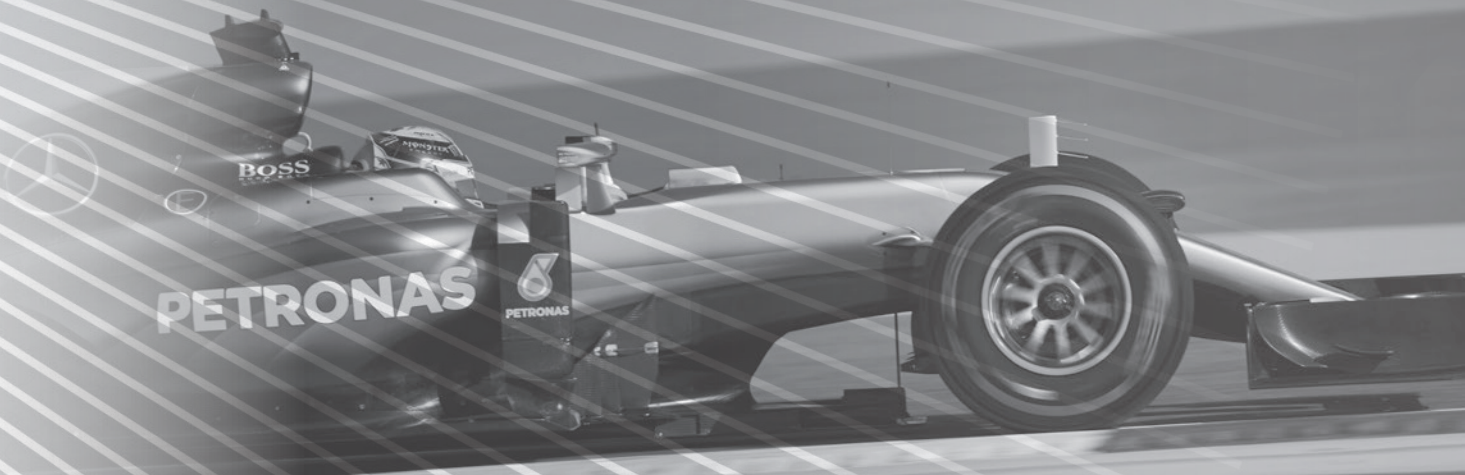
ENGINEERED TO NEW HOLLAND STANDARDS

Working at higher temperatures and pulling heavier loads, today's gas and diesel engines are working harder than ever. It takes superior lubricating oils to stand up to the challenge. That's why PETRONAS Lubricants International works in partnership with New Holland to develop specific standards to achieve outstanding performance. Our products are engineered with the highest quality lube stocks and additives. Each one contains a complex blend of ingredients specially formulated to meet the needs of our customers.

WE HAVE WHAT IT TAKES

When it comes to superior protection and performance AMBRA® fluids and lubricants are among the finest in the industry. But don't just take our word for it. In the pages that follow take a close look at the features and benefits that distinguish our products. Features and benefits that are your guarantee of quality in a name you can trust.

ENGINE OILS - HYDRAULIC OILS - TRANSMISSION OILS GEAR OILS - GREASES - BRAKE FLUIDS - CLEANERS



UNITEK 10W-40 CJ-4

Engine Oil

New generation semi-synthetic lubricant for modern low-emission engines of tractors, other agricultural and earth moving machinery including those fitted with SCR, DPF, or EGR emission technology both on and off highway.

The next generation engine oil



73322552



NH4319020



73322554



73322556

✓ FEATURES:

- Low SAPS (sulphated ash and low phosphorus)
- Superior protection for DPF
- Suitable with SCR and EGR emission engines
- High resistance to oxidation
- Excellent low temperature starting performance
- Extensively tested and approved by CNH engineering
- Excellent protection against wear and corrosion
- Outstanding soot control
- Long drain capabilities

✓ USE SUGGESTIONS:

Unitek 10W-40 Engine oil is available in the following grades:

- SAE 10W-40 from -15°C to + 40°C
- Miscible and compatible with conventional mineral engine oils
- Replacement procedures must be performed in accordance with manufacturer's indications.

✓ EXCEEDS OR MEETS THE FOLLOWING PERFORMANCE REQUIREMENTS:

- SAE 10W-40 • MAT3521

MASTERGOLD CJ4

Engine Oil

High performance low SAPS lubricant specifically designed for the protection of New Holland machinery and any diesel engine fitted with SCR, DPF, or EGR emission technology both on and off highway.



73322542



73322543



73322544



73322545



FEATURES:

- Provides superior protection against wear and corrosion
- High oxidation stability
- Keeps engines exceptionally clean, minimizing deposits and maintaining excellent soot control
- Excellent cold weather start up protection
- Long drain capabilities
- Meets latest ACEA E9 specification
- Suitable for SCR, DPF and EGR technology



USE SUGGESTIONS:

Mastergold CJ-4 is available in the following grades:

- SAE 15W-40 from -15°C to + 40°C
- Miscible and compatible with conventional mineral engine oils
- Replacement procedures must be performed in accordance with manufacturer's indications.



EXCEEDS OR MEETS THE FOLLOWING PERFORMANCE REQUIREMENTS:

- SAE 15W-40 • CJ-4 • ACEA E9 • CNH MAT 3522 • CUMMINS CES 20081 • DETROIT DIESEL 93K218
- DEUTZ DQC III-10 LA • MACK EO-O PREMIUM PLUS • MAN M 3575 • MB-APPROVAL 228.31
- MTU DDC TYPE 2.1 • RENAULT RLD-3 • VOLVO VDS-4 • MAN M 3275-1

MASTERGOLD HSP CI-4

Multigrade Engine Oil

Latest technology ultra high performance heavy duty diesel engine oil for turbo charged and normally aspirated diesel engines operating under arduous conditions in both on and off highway applications.



NH3138005



NH3138020



NH3138205



NH31381000

FEATURES:

- Longer drain intervals, less downtime
- Excellent viscometrics result in a stay-in-grade and maintained quality, even under the most severe conditions
- Prevents excessive viscosity increase due to high temperature oil oxidation, which ensures oil flow to critical engine parts
- Meets ACEA E7 specification

USE SUGGESTIONS:

Mastergold HSP is available in the following grade:

- SAE 15W-40 from -15°C to + 40°C
- Replacement procedures must be performed in accordance with manufacturer's indications.

EXCEEDS OR MEETS THE FOLLOWING PERFORMANCE REQUIREMENTS:

- SAE 15W-40 • API CI-4/SL • ACEA E7/E5/E3/B3/A3 • MAT 3507 • CAT ECF1 • MACK EO-M PLUS
- DTC/MTU TYPE 2 • VOLVO VDS-2 • GLOBAL DHD-1 • MAN 271, M3275 • MB 228.3/229.1
- CUMMINS CES 20071/72/76/77/78 • ALLISON C4 • NH 330 H • MS 1121

SUPER GOLD

Multigrade Engine Oil

Multigrade Engine oil for naturally aspirated diesel and petrol engines with or without turbo charging, in tractors, trucks, earth moving equipment, both on and of highway applications.



NH3139005



NH3139020



NH3139205



NH31391000

FEATURES:

- Protection against bore polishing
- High thermal stability
- Excellent anti-wear properties in any load condition
- High detergent and dispersant properties controlling soot and sludge
- Excellent stay in grade ability
- Excellent properties fighting acid products deriving from diesel fuel combustion
- Excellent anti-foaming properties for ensuring maximum lubricant flow to all surfaces
- Reduced lubricant consumption

USE SUGGESTIONS:

Supergold is available in the following grade:

- SAE 15W-40 from -15°C to + 40°C
- Replacement procedures must be performed in accordance with manufacturer's indications.

EXCEEDS OR MEETS THE FOLLOWING PERFORMANCE REQUIREMENTS:

- SAE 15W-40 • API CG-4/CF-4/SJ • ACEA E2/B2/A3 • MAT 3507 • VOLVO VDS-2
- MACK EO-M PLUS • MAN M271 • MB 228.1, 229.1 • MS 1120 • CUMMINS 20071/20076
- MIL-L-2104F • NH 330 G

AXF 80W-90

Gear Oil

Lubricant with Extreme Pressure (E.P.) and Limited Slip (L.S.) characteristics specially developed for axles of earth moving machines equipped with oil bath brakes and limited slip differentials.



NH4094020

✓ FEATURES:

- Ensures maximum efficiency of braking systems in any operating conditions and temperatures
- Maximum anti-wear protection ensures longer life of transmission components (differentials, wheel final drives...) even when there is limited lubrication present
- The lubricant's particular viscosity allows it to reduce power loss to a minimum and enhanced the axle's efficiency even at low temperatures
- It's specific formulation guarantees the lubricant's excellent thermal stability and ensures it's characteristics remain unchanged even in the most extreme operating conditions, helping to reduce heat generated during severe operation

✓ USE SUGGESTIONS:

AXF is available in the SAE 80W/90 grade. This makes it suitable for use in all types of season. To be changed according to with manufacturer's instruction.

✓ EXCEEDS OR MEETS THE FOLLOWING PERFORMANCE REQUIREMENTS:

- SAE 80W-90 • API GL 5 • GTG LLP-007 • NH 520 C • ZF TE-ML 05C • ZF TE-ML 07A
- ZF TE-ML 08 • ZF TE-ML 21C • MIL-L-2105 D Performance

MASTERTRAN[®] ULTRACTION[™]

Hydraulic Transmission Oil

Lubricant with unique formulation specifically developed for transmissions, hydraulic systems and wet brakes of New Holland agriculture and construction machines.



73322403



73322404



73322405



73322406

The only transmission fluid approved by CNH ENGINEERING



✔ **MASTERTRAN® ULTRACTION™ has unmatched moisture tolerance.**

- a. MASTERTRAN® ULTRACTION™ has the unique ability to hold up to 1% of its volume in water and not experience any harmful effects like additive fallout. Typical tractor fluids start experiencing problems at 0.5% water and even less.
- b. Uncontrolled water in a hydraulic system will cause many side effects like sloppy hydraulic response due to sticky valves, poor shifting and component failure.

✔ **MASTERTRAN® ULTRACTION™ has a unique, zinc free, anti-wear formula.**

- a. When exposed to moisture, zinc will hydrolyze and create corrosive by-products. These by-products will attack the soft metals in transmissions and hydrostats and shorten the life of the machine.
- b. The new formula has demonstrated outstanding anti-wear performance.

✔ **MASTERTRAN® ULTRACTION™ is exceptionally shear stable.**

- a. Shear stability refers to the ability of an oil to stay in grade at high temperatures and pressures.
- b. The oil film created by MASTERTRAN® ULTRACTION™ is less likely to thin and cause the potential for metal to metal contact of drivetrain components.
- c. Maintaining viscosity at operating temperatures throughout the drain interval is very important for optimum performance of the new generation of high pressure CVT tractors.

✔ **MASTERTRAN® ULTRACTION™ provides controlled frictional characteristics.**

- a. MASTERTRAN® ULTRACTION™ frictional properties provide smooth operation for the clutches in today's powershift transmissions, and also key to efficient CVT performance. Excessive clutch slippage can result in glazing of the clutch surfaces while limited clutch slippage results in rough or jumpy transmission performance.
- b. MASTERTRAN® ULTRACTION™ frictional characteristics also reduce brake chatter by reducing vibration and enhancing stopping power.

✔ **MASTERTRAN® ULTRACTION™ replaces all applications calling for MASTERTRAN and most calling for NEW HOLLAND MULTI G 134.**

MULTI G

Transmission Oil

Universal Tractor Transmission oil for transmissions (including power-shift and shuttle-shift), final drives (except those requiring API GL-5 lubricants), hydraulics and wet brakes of agricultural and earth moving equipment.

UNIVERSAL

Super Universal Tractor Oil

Universal oil (STOU) for use in tractor crankcases, transmissions, wet brake systems, hydraulics and final drives (except those requiring API GL-5 lubricants).



NH3146020



NH3142005



NH3142020



FEATURES:

Unique friction modifiers suppress wet brake chatter, ensuring maximum stopping power and brake life. Superior antiwear additives reduce pitting on critical gear surfaces. Oxidation inhibitors keep sludge from forming and keep the oil flowing to critical parts. MULTI G is compatible with commonly used seal and gasket materials. This helps reduce oil leaks from seals that can harden, shrink or swell - extending seal life.

USE SUGGESTIONS:

MULTI G is a multi-purpose fluid that has been recommended in New Holland and Ford operator manuals for many years. It's recommended for current low-and medium horsepower tractors and loader backhoes. It helps ensure the best performance of your transmission, PTO clutches, wet brakes and hydraulic system.

EXCEEDS OR MEETS THE FOLLOWING PERFORMANCE REQUIREMENTS:

- SAE 10W-30 • API GL-4 • MAT 3525
- Ford M2C 134D • Ford M2C 86B • Allison C-4
- Cat TO-2 • MF 1135 • MF 1141 • MF 1143
- NH 410 B

FEATURES:

True "universal" oil for use in crankcases, transmissions, wet brake systems, hydraulics and final drives offers rationalisation of products and reduces the risk of misapplication. Excellent antiwear protection under all operating conditions. Superior protection against corrosion. Multigrade formulation ensures easier starting in cold temperatures, reduction of power loss and improved system efficiency, high braking effectiveness, high level of detergent ensures equipment is kept free from deposits.

USE SUGGESTIONS:

UNIVERSAL tractor oil is available in the following grade: SAE 15W-40 from -15°C to + 40°C. Replacement procedures must be performed in accordance with manufacturer's indications.

EXCEEDS OR MEETS THE FOLLOWING PERFORMANCE REQUIREMENTS:

- SAE 15W-40 • API CF-4/SF • API GL-4
- STOU • MB 227.1, 228.1 • CATERPILLAR TO-2
- ZF TE ML 06, 07 • MF1144 • ALLISON C4
- NH 030 C

HYDRODEX 3

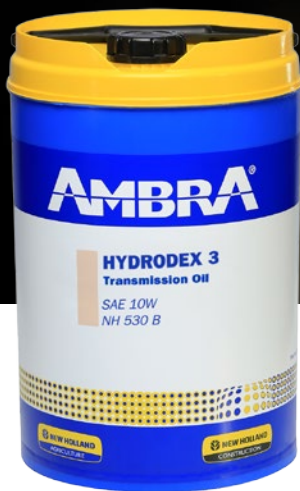
Transmission Oil

Automatic transmission fluid for use in automatic transmissions of all vehicles requiring a Dexron III or Allison C-4 quality lubricant and hydraulics, power steering and torque convertors of agricultural and earthmoving equipment.

VT SPECIAL

Transmission Oil

Oil specific for continuous variation transmissions of tractor and agricultural machines. Specific for hydraulic components on New Holland TVT tractor series.



NH3143020



NH3194020



FEATURES:

High viscosity index optimises servo-control response under all operating conditions. Superior antiwear protection for prolonged component life. Excellent oxidation stability provides longer lubricant life. Frictional characteristics ensure smooth transmission operation under all conditions. Fast air release property coupled with selection of highly effective antifoam additives ensures maintenance of lubricant film for maximum protection.

USESUGGESTIONS:

Replacement procedures must be performed in accordance with manufacturer's indications.

EXCEEDS OR MEETS THE FOLLOWING PERFORMANCE REQUIREMENTS:

- SAE 10W • Allison C-4 • Dexron III level
- NH 530 B

FEATURES:

Ensures constant control of the clutch ensuring constant velocity performance. Excellent anti-wear protection occurring during pick up and full load. High compatibility with clutch disc material. Excellent viscometric stability and shear stability ensuring stay in grade performance at high temperatures and pressures even in the most severe conditions.

USESUGGESTIONS:

VT SPECIAL oil is available in the following grading: SAE 10W-40 (from -30°C to + 50°C, ambient temperature).

Replacement procedures must be performed in accordance with manufacturer's indications. Do not mix with other products.

EXCEEDS OR MEETS THE FOLLOWING PERFORMANCE REQUIREMENTS:

- SAE 10W-40 • API GL-4 • MIL-L-2105 Level
- ZF-TE-ML-06B,06F,07B,12 • ISO VG 32/46
- NH 526 C

ACTIFULL OT

Extended-life coolant/antifreeze

Organic Acid Technology (OAT) for extended coolant/antifreeze life. Formulated to ensure high grade protection for new generation low emissions engines, it can be perfectly used also for other engine types.



73322487



73322488



73322489



MAT 3624 approved Coolant/Antifreeze



FEATURES:

Having met the strict technical standards and passed the severe field and engine bench tests required by NEW HOLLAND, it has obtained the official approval MAT 3624.

- Special fully OAT (Organic Acid Technology) formulation that allows extended life and therefore, longer coolant change intervals. Does not require the use of supplemental coolant additives (SCAs)
- Superior protection against corrosion of the metal components of the engine and cooling system with which it comes in contact
- High compatibility with all non-metal components of the engine and cooling system (seals, hoses, reserve tanks, etc.)
- Prevents cylinder liner cavitation
- Protects the cooling system from electrochemical corrosion
- Reduces the formation of deposits in the cooling system to enhance pump efficiency and duration
- Improved heat transfer capability
- It meets the ASTM D 6210 Specification for fully-formulated Ethylene-Glycol-Base engine coolant for heavy-duty engines



EXCEEDS OR MEETS THE FOLLOWING PERFORMANCE REQUIREMENTS:

- ASTM D 6210 Type 3-FF • MAT 3624 • CUMMINS CES 14603

HYPOIDE 90

Gear Oil

Heavy duty extreme pressure transmission lubricant for manual transmissions, hypoid gears, differentials (except Limited Slips) and final reduction gears in agricultural, earthmoving and heavy commercial vehicles

HYPOIDE 140

Gear Oil

Heavy duty extreme pressure transmission lubricant for manual transmissions, hypoid gears, differentials (except Limited Slips) and final reduction gears in agricultural, earthmoving and heavy commercial vehicles



NH3136020



NH3137020

✓ FEATURES:

Highest level of extreme pressure additives provides optimum protection for gear components. High antifoaming characteristics ensures lubricant film is maintained allowing smooth operation under all operating conditions.

✓ USE SUGGESTIONS:

For transmissions, hypoid gears and differentials requiring an 80W-90 grade oil.

✓ EXCEEDS OR MEETS THE FOLLOWING PERFORMANCE REQUIREMENTS:

- SAE 80W-90 • API GL-5 • MAT 3511
- MIL-L-2105D • Mack GO-G • NH 520 A

✓ FEATURES:

Highest level of extreme pressure additives provides optimum protection for gear components. High antifoaming characteristics ensures lubricant film is maintained allowing smooth operation under all operating conditions.

✓ USE SUGGESTIONS:

For transmissions, hypoid gears and differentials requiring an 85W-140 grade oil.

✓ EXCEEDS OR MEETS THE FOLLOWING PERFORMANCE REQUIREMENTS:

- SAE 85W-140 • API GL-5 • MAT 3511
- MIL-L-2105D • Mack GO-G • NH 524 A

HYDROSYSTEM 46

Hydraulic Oil

Hydraulic oil for combine harvester hydraulic systems in agricultural machinery and earth moving machines.

HYDROSYSTEM 68

Hydraulic Oil

Hydraulic oil suitable for use in tractors, combines, loaders, excavators and other types of agricultural and construction machinery.



NH3307020



NH3176020



✓ FEATURES:

High anti-wear properties for an improved response of the hydraulic circuit. Excellent antioxidant characteristics for longer lubricant life. Excellent antifoaming and demulsifying properties provide maximum lubrication continuity and superior heat exchanging factor. High anti-rust features for the system protection against water ingress.

✓ USE SUGGESTIONS:

AW HYDRAULIC 46 is available in the ISO VG 46 grading for use with external temperatures from -15°C to +30°C. Replacement procedures must be performed in accordance with manufacturer's indications.

✓ EXCEEDS OR MEETS THE FOLLOWING PERFORMANCE REQUIREMENTS:

- ISO VG 46 • MAT 3508 • DIN 51524 PART 2
- NH 646

✓ FEATURES:

High anti-wear properties for an improved response of the hydraulic circuit. Excellent antioxidant characteristics for longer lubricant life. Excellent antifoaming and demulsifying properties provide maximum lubrication continuity and superior heat exchanging factor. High anti-rust features for the system protection against water ingress.

✓ USE SUGGESTIONS:

HYDROSYSTEM 68 hydraulic oil is available in the ISO 68 for use with external temperatures from -15°C to +30°C. Replacement procedures must be performed in accordance with manufacturer's indications.

✓ EXCEEDS OR MEETS THE FOLLOWING PERFORMANCE REQUIREMENTS:

- ISO VG 68 • MAT 3508 • DIN 51524 PART 2
- NH 668

SYNTFLUID 4

Synthetic Brake Oil

Synthetic base brake fluid for agricultural machines and earthmoving machines braking systems.

BRAKE LHM

Mineral Brake Oil

Mineral base oil green in colour, specific for hydraulic control of brakes and clutches fitted to tractors and earthmoving machines.



NH3243001



NH3177001



✓ FEATURES:

High boiling point. This prevents "vapour lock" phenomenon (presence of vapour bubbles in the braking circuit). Low fluid flowing point for use in low environmental temperatures. Excellent properties against corrosion, rust and oxidation processes (metal and non metal). High compatibility with natural rubber material and gaskets. High chemical stability even in the most severe conditions of thermal stress.

✓ USE SUGGESTIONS:

Replacement procedures must be performed in accordance with manufacturers indications and in any case every year at least.

✓ EXCEEDS OR MEETS THE FOLLOWING PERFORMANCE REQUIREMENTS:

- DOT4 • NH 800 A • ISO 4925 • SAE J1703
- SAE J1704

✓ FEATURES:

Low fluid flowing point for use in low environmental temperatures. Excellent properties against corrosion, rust and oxidation processes (metal and non metal). High compatibility with all types of seals and gaskets. High chemical stability even in the most severe conditions of thermal stress. BRAKE LHM is not compatible with hydraulic brake fluids of a synthetic make or conventional brake fluids and should never be mixed.

✓ USE SUGGESTIONS:

Replacement process procedure must be performed in accordance with manufacturer's indications.

✓ EXCEEDS OR MEETS THE FOLLOWING PERFORMANCE REQUIREMENTS:

- ISO 7308 • MAT 3630 • NH 610 A

GR 9

Multipurpose Grease

GR9 Multipurpose Grease is an extreme pressure blue coloured lithium complex grease for wheel hub bearings and grease compression cups, uni joints, spline shafts, water pumps, and general chassis lubrication used on tractors, agricultural machines and earth moving construction equipment.

LIMITED SLIP ADDITIVE

For driving axle differentials

A specially compounded formula for use in driving axles equipped with any type of limited slip or Power-Lock differentials in agricultural and construction equipment.



NH3147450



NH31470025



87299132



FEATURES:

Maintains protection under high loads and violent shocks. High anti-wear properties to extend the life of mechanical parts. Excellent pumping ability at low temperatures. Protects surfaces against corrosion. Excellent resistance to water dilution. Higher resistance to oxidation and shearing compared to conventional greases. Suitable for severe conditions.

USESUGGESTIONS:

GR9 GREASE is available in the NLGI 2 grade for use in every year seasons. Replacement procedures in accordance with manufacturer's indications.

EXCEEDS OR MEETS THE FOLLOWING PERFORMANCEREQUIREMENTS:

- NH 710 A • NLGI 2

FEATURES:

This additive is specially formulated to help reduce clutch plate friction in TG tractors MFD axles. It's designed for driving axles equipped with limited slip differentials where recommended by operator manual.

USESUGGESTIONS:

Refer to lubricant chart or operators manual for correct axle lubricant capacity. Add contents to axle through regular lubricant inlet port of axle housing.

EXCEEDS OR MEETS THE FOLLOWING PERFORMANCEREQUIREMENTS:

- ISO VG 68 • DIN 51524 PART 2 • NH 668

TRUCK AND TRACTOR WASH

Truck and Tractor Wash is a detergent-based heavy duty vehicle wash with "quick-break" properties. Truck and Tractor Wash was formulated to effectively clean heavy industrial equipment such as dump trucks, cranes, prime movers, trailers, dozers and excavators. Truck and Tractor Wash is highly effective for removing most soils including dirt, mud, grime, oil and soot.



NH3400020

✓ FEATURES:

Readily biodegradable to AS 4351.2/ISO 7827. "Quick-break" formulation. Universal product for cleaning all types of vehicles. May be used with low-pressure or high-pressure equipment or for manual cleaning applications. Effective on all surfaces including aluminium.

✓ USE SUGGESTIONS:

For heavy-duty cleaning, dilute 1 part Truck and Tractor Wash in 10 parts clean water. Apply by low or high pressure spray equipment. Allow to soak a few minutes, then rinse with clean water. For light vehicle washing, dilute 1 part Truck and Tractor Wash in 20-100 parts clean water. Apply by suitable spray equipment or hand-wash. Allow to soak a few minutes, then rinse with clean water. For difficult areas, apply neat or scrub surface manually.

PROTECT YOUR PRODUCTION FROM THE UNEXPECTED. NOW THAT'S SMART.

Whether it's planting season or harvest, you rely on leading-edge technology from New Holland to get the job done right. To make sure your equipment is always running at peak performance, you need the right maintenance solutions that will keep your machines going. That's why New Holland designs optimise your performance so your machines meet our high performance standards. When you combine strong equipment with smart maintenance solutions, the technology in the field will always hold an edge.



Systemgard™



GENUINE LUBRICANTS FOR HEAVY DUTY APPLICATIONS



PETRONAS

AMBRA®

The only lubricants
recommended by
NEW HOLLAND

newhollandparts.com.au



NHV4-LUBE06/16

CNH
INDUSTRIAL

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