



**L.H. Perry & Sons**

## **Perrys Products**

<i><b>Product Name</b></i>	<i><b>Package Size</b></i>	<i><b>Specifications</b></i>
Perrys 222 Grease	450 G, 20 KG	<a href="#">Product Data Sheet</a>
Perrys 2T Motorbike Oil	1 Lt, 4Lt	<a href="#">Product Data Sheet</a>
Perrys 4T Motorbike Oil	4 Lt	<a href="#">Product Data Sheet</a>
Perrys 422	20 Lt	<a href="#">Product Data Sheet</a>
Perrys 424	20 Lt, 205 Lt	<a href="#">Product Data Sheet</a>
Perrys All Trans	205 Lt	<a href="#">Product Data Sheet</a>
Perrys Dextron III ATF	1 Lt, 4Lt, 20 Lt	<a href="#">Product Data Sheet</a>
Perrys Chain & Bar Oil	1 Lt, 4 Lt	<a href="#">Product Data Sheet</a>
Perrys Deo Premium Diesel Oil	20 Lt, 200 Lt	<a href="#">Product Data Sheet</a>
Perrys Dot 4 Brake Fluid	500 mL, 4 Lt	<a href="#">Product Data Sheet</a>
Perrys Engine Oil 30	5 Lt, 20 Lt, 205 Lt	<a href="#">Product Data Sheet</a>
Perrys HD Gear Oil	4 Lt, 20 Lt	<a href="#">Product Data Sheet</a>
Perrys Hand Cleaner	5 Lt	<a href="#">Product Data Sheet</a>
Perrys Food Armor Hydraulic 68	20 Lt	<a href="#">Product Data Sheet</a>
Perrys Hydraulic 26	20 Lt, 205 Lt	<a href="#">Product Data Sheet</a>
Perrys Hydraulic 68	20 Lt, 200 Lt	<a href="#">Product Data Sheet</a>
Perrys Multifleet Engine Oil CI-4 Plus	20 Lt, 205 Lt	<a href="#">Product Data Sheet</a>
Perrys Outboard 2 Stroke	1 Lt, 4 Lt	<a href="#">Product Data Sheet</a>
Perrys Truck & Farm Grease	250 G, 450 G, 20 KG	<a href="#">Product Data Sheet</a>
Perrys Truck Wash	5 Lt, 20 Lt	<a href="#">Product Data Sheet</a>
Perrys Universal Tractor Oil	20 Lt, 205 Lt	<a href="#">Product Data Sheet</a>
Perrys Winter Spray Oil	200 Lt	<a href="#">Product Data Sheet</a>



## Product Data Sheet

**L.H. Perry & Sons**

# Perrys 222 Grease

Premium Multi-Purpose NLGI 2 Lithium Complex Grease

### Product Description

**PERRYS 222 GREASE** is an extra high performance multi-purpose grease intended for a large variety of applications. It is based on a blend of high viscosity index mineral oils, a lithium complex soap thickener, specially selected lead-free extreme pressure additives, rust and oxidation inhibitors plus a tackiness agent.

Superior resistance to water wash-out assures correct lubrication even in the most severe water exposure conditions. It has excellent adhesion and cohesion properties in order to reduce leakages and extend re-lubrication intervals.

In all operating conditions it has an excellent rust and corrosion resistance. The superior oxidation and thermal stability extends the grease life and enhance bearing protection in high temperature applications. It has good pumpability and low-high temperature performance.

### Operating Temperature Range

The recommended temperature range is from -25°C to 175°C, however it may be used intermittently up to 200°C with the lubrication frequency to be increased accordingly.

### Applications

**PERRYS 222 GREASE** is the prime recommendation for use in applications where high thermal resistance is required. These include automotive, industrial, mining, earthmoving and marine applications such as wheel bearings subjected to high temperatures and load caused by repeated and high speed braking in particular on disc brakes, chassis, high speed ball and roller bearings, pre-packed and sealed for life bearings in several heavy industries, boat trailer wheel bearings, water pumps, winches etc. and other applications requiring grease lubrication.

**PERRYS 222 GREASE** offers a high-performance, cost-effective alternative to products such as Mobil XHP 222.

### Packaging

205 litre drum, 20 litre pail

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## Product Data Sheet

**L.H. Perry & Sons**

### Typical Physical Characteristics

Property	Typical Value
NLGI Grade	2
Thickener Type	Lithium Complex Soap
Color	Blue & Tacky
Mineral Base Oil Viscosity cSt, 40°C	190
Unworked Penetration, D217	270
Worked Penetration, D217, 25°C, 60 strokes	275
Drop Point, D2265	Above 260°C
Water Washout, D1264, % Loss Max.	3.5
Rust Prevention, D1743, Rating	Pass
Four Ball Wear, D2266, mm Scar Diameter	0.48
Four Ball EP Weld Point, D2596, Min	350
Timken OK load, D2509, lb	23
Wheel Bearing Leakage, D1263, g	1.5

**NOTE:** Values stated herein are typical and do not represent a specification.



## Product Data Sheet

### L.H. Perry & Sons

# Perrys 2T Motorbike Oil

2 Stroke JASO FB Semi-Synthetic

## Product Description

**Perrys 2T Motorbike Oil** is premium performance “low smoke” two stroke oil formulated with a special low ash additive system. It is pre diluted with a high flash point solvent to facilitate mixing with petrol at all temperatures.

Designed for engines requiring JASO FB / ISO LEGB performance lubricants, including high output machines operating in severe service.

## Applications

- Air and water-cooled two stroke motorcycle engines, particularly suitable for Japanese high performance motorcycle engines.
- Latest generation of two stroke scooter engines.
- Two Stroke engines fitted to stationary and portable power equipment (chainsaws, lawn mowers etc).
- Oil injected two stroke engines where Fuel/oil premixing is not required, except high performance water-cooled marine outboards.

Meets the specifications of JASO FB, API TC and ISO LEGB

## Typical Physical Characteristics

Property	Typical Value
SAE Fluidity/Miscibility Classification (J 1536)	F/M 2
Density, kg/L	0.870
Colour	Blue
Kinematic Viscosity at 40°C, cSt	37.0
Kinematic Viscosity at 100°C, cSt	6.7
Viscosity Index	139
Sulphated Ash, % wt	0.11

**NOTE:** Values stated herein are typical and do not represent a specification.

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**L.H. Perry & Sons**

## Product Data Sheet

# Perrys 4T Motorbike Oil

10W40 Semi-Synthetic

### Product Description

**Perrys 4T Motorbike Oil** is a semi-synthetic 4-stroke motorcycle oil formulated to achieve long engine and clutch life without sacrificing fuel consumption. It contains no friction modifiers and is suitable in wet-clutch applications.

### Applications

**Perrys 4T Motorbike Oil** is suitable for 4-stroke motorcycles requiring one oil for lubrication of the engine, gearbox and wet clutch. The semi-synthetic formulation gives excellent high temperature performance and minimises deposit formation.

**Perrys 4T Motorbike Oil** can also be used in Petrol, Diesel and LPG engine vehicles requiring an **API SJ/CF** 10W40 or 15W40 oil

### Typical Physical Characteristics

Property	Typical Value
SAE Grade	10W40
Density, kg/L	0.881
Colour	3.5
Kinematic Viscosity at 40°C, cSt	96.1
Kinematic Viscosity at 100°C, cSt	14.3
Viscosity Index	153
TBN, mg KOH/g	6.5
Zinc, %wt	0.074

**NOTE:** Values stated herein are typical and do not represent a specification.

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# Product Data Sheet

**L.H. Perry & Sons**

## PERRYS 422

GL-4 10W30

### Product Description

**PERRYS 422** is the latest in premium universal tractor transmission oils meeting the requirements of all of today's tractors, providing the final drive, hydraulic, wet-brake, clutch and transmission performance needed in today's tractors. The latest optimized detergency and balanced friction system contained within

**PERRYS 422** is particularly useful in imparting friction stability to tractor oils. Friction stability is a key solution to robust wet-brake, pump and transmission performance.

**PERRYS 422** enables superior transmission performance, chatter suppression and superior hydraulic performance in all tractors. Equipment operating under low temperature conditions will also benefit from the extended low-temperature rating.

Benefits include:

- Advanced final drive performance
- Superior Pump Anti-Wear / Abrasion protection
- Excellent cleanliness
- Superior friction stability and durability

### Specifications

**PERRYS 422** meets or exceeds the specifications of:

- API GL-4
- J.I. Case / Case International: MS-1204, 1205, 1206 (Powergard PFT), 1207 (Hy-Tran Plus), 1209 (Hy-Tran Plus), 1210, JIC-143, 144, 145 (TCH Fluid) & 185 (TFD Fluid)
- John Deere: J20C, J20D, J14(A,B,C JDT303), J20(A,B, Hy-Gard), J21A, & J27(10W or 30W)
- Ford-New Holland: M2C134D, M2C (A,B,C), M2C86 (A,B,C), M2C77A, M2C53A, M2C48 (B,C) & M2C41B
- Deutz: Hydr Trans Fluid
- Deutz Allis: 25743 (PF-821XL), 257541 & 246634 Hydr Trans Fluid
- Fiat-Hesston: AF-87
- I.H.C.: B5 & B-6 Hytran
- Kubota: UDT Fluid
- Landini: Tractor Hydr Fluid
- Massey-Ferguson: M1110, M1127(A,B), M1129A (Permatran), M1135 Permatran III, 1141, 1143 & 1145
- Oliver: Type 55, Type 5J, & Q1802
- Volvo (including latest wet-brake requirements)
- White: Q-1705, 1722, 1766, 1766B (UTHF), 1802 & 1826
- ZF Transmissions: TEML03 & TEML06
- Caterpillar: TO-2
- Allison: C-4 & C-3

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## Product Data Sheet

### **L.H. Perry & Sons**

- Denison: (Pump only) HF-0, HF-1, HF-2
- Sperry Vickers/Eaton: I-280-S & M2950S

### Typical Physical Characteristics

Property	Typical Value
SAE Grade	10W30
Density, kg/L	0.876
Colour	3.5
Kinematic Viscosity at 40°C, cSt	83.6
Kinematic Viscosity at 100°C, cSt	10.6
Viscosity Index	111

**NOTE:** Values stated herein are typical and do not represent a specification.

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## Product Data Sheet

**L.H. Perry & Sons**

# Perrys 424

10W30 Premium Universal Tractor Transmission Oil

## Product Description

**PERRYS 424** is a premium high viscosity index Universal Tractor Transmission Oil meeting the requirements of all of today's tractors, providing final drive, hydraulic, wet-brake, clutch and transmission performance. It is formulated using hydrotreated ultra-pure base oils imparting extended service life and can be used over a wide range of operating temperatures

The latest optimized detergency and balanced friction system is particularly useful in preserving smooth transmission and wet-brake performance between oil changes.

Benefits include:

- Extended service life
- Advanced final drive performance
- Superior Pump Anti-Wear / Abrasion protection
- Excellent cleanliness
- Superior friction stability and durability

## Applications

**PERRYS 424** gives exceptional performance in a wide range of tractors and other off-road vehicles, including those where manufacturers specify the following oil types:

- API GL-4
- J.I. Case / Case International: MS-1204, 1205, 1206 (Powergard PFT), 1207 (Hy-Tran Plus), 1209 (Hy-Tran Plus), 1210, JIC-143, 144, 145 (TCH Fluid) & 185 (TFD Fluid)
- John Deere: J20C, J20D, J14(A,B,C JDT303), J20(A,B, Hy-Gard), J21A, & J27(10W or 30W)
- Ford-New Holland: M2C134D, M2C (A,B,C), M2C86 (A,B,C), M2C77A, M2C53A, M2C48 (B,C) & M2C41B
- Deutz: Hydr Trans Fluid
- Deutz Allis: 25743 (PF-821XL), 257541 & 246634 Hydr Trans Fluid
- Fiat-Hesston: AF-87
- I.H.C.: B5 & B-6 Hytran
- Kubota: UDT Fluid
- Landini: Tractor Hydr Fluid
- Massey-Ferguson: M1110, M1127(A,B), M1129A (Permatran), M1135 Permatran III, 1141, 1143 & 1145
- Oliver: Type 55, Type 5J, & Q1802
- Volvo (including latest wet-brake requirements)
- White: Q-1705, 1722, 1766, 1766B (UTHF), 1802 & 1826





## Product Data Sheet

### **L.H. Perry & Sons**

- ZF Transmissions: TEMPL03 & TEMPL06
- Caterpillar: TO-2
- Allison: C-4 & C-3
- Denison: (Pump only) HF-0, HF-1, HF-2
- Sperry Vickers/Eaton: I-280-S & M2950S

### Typical Physical Characteristics

Property	Typical Value
SAE Grade	10W30
Density, kg/L	0.865
Colour	2.0
Kinematic Viscosity at 40°C, cSt	55.8
Kinematic Viscosity at 100°C, cSt	9.29
Viscosity Index	149

**NOTE:** Values stated herein are typical and do not represent a specification.

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## Product Data Sheet

**L.H. Perry & Sons**

# Perrys Dexron III ATF

10W

## Product Description

**PERRYS DEXRON III ATF** is a premium quality fluid blended for use in automatic transmissions requiring the use of Dexron III specification fluids. The combination of high purity base stocks with advanced performance additives gives superior anti-wear protection, exceptional thermal stability, and excellent control of oxidation and sludge. Friction performance is optimised for Ford and General Motors automatic transmissions resulting in improved driveability.

## Applications

**PERRYS DEXRON III ATF** is suitable for all Ford and General Motors automatic transmissions that do not specify DEXRON<sup>®</sup> VI, MERCON<sup>®</sup> V and Type F fluid.

## Typical Physical Characteristics

Property	Typical Value
Density, kg/L	0.870
Colour	Red
Kinematic Viscosity at 40°C, cSt	49.5
Kinematic Viscosity at 100°C, cSt	9.2
Viscosity Index	171
Zinc, %wt	0.10

**NOTE:** Values stated herein are typical and do not represent a specification.



**L.H. Perry & Sons**

## Product Data Sheet

# Chain & Bar Oil

ISO 150

### Product Description

**Chain & Bar Oil 150** is a good quality chain and bar lubricant intended to provide cost effective lubrication of chains, sprockets and guide bars of chain saws with either automatic or hand oilers.

**Chain & Bar Oil 150** is recommended for the lubrication of the chain bar and sprockets of all types of chainsaws, using either hand – operated or automatic oilers for light to medium use applications.

### Applications

**Reduces wear:**

Reduces wear on the chain bar and sprocket.

**Less waste:**

The tacky quality of the product reduces sling-off from the chain.

**Penetration:**

Good penetration into chain links and excellent bar lubrication

### Typical Physical Characteristics

Property	Typical Value
Grade	150
Appearance	Clear, Bright & Tacky
Density, kg/L	0.877
Colour	3.5
Kinematic Viscosity at 40°C, cSt	150

**NOTE:** Values stated herein are typical and do not represent a specification.

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## Product Data Sheet

**L.H. Perry & Sons**

# PERRYS DEO PREMIUM CJ-4/SM 15W40

Heavy Duty Diesel Oil

## Product Description

**PERRYS DEO PREMIUM 15W/40 CJ-4/SM** engine oil is the latest CJ-4/SM rated multi-grade high performance detergent-type diesel and petrol engine oil developed for high performance turbo-charged and naturally aspirated diesel engines. The oil provides excellent protection, easy cranking in cold weather, reduced emissions and very high temperature stability. The lower SAPS levels will suit the needs of mixed fleet operators including those with petrol engines with catalytic converters.

**PERRYS DEO PREMIUM 15W/40 CJ-4/SM** meets or exceeds the requirements of API CJ-4/SM diesel engine oil as well as European ACEA E7-08 and E9-08. It provides a superior level of protection against wear, sludge formation and acid corrosion and assists in maintaining engine cleanliness and extending the life of all moving parts subject to wear.

## Applications

**PERRYS DEO PREMIUM 15W/40 CJ-4/SM** engine oil is particularly suited to mixed fleet use in:

- Late model year heavy duty diesel engines fitted with emission control systems, including Diesel Particulate Filters and SCR NOx.
- A broad range of diesel engines (Turbocharged and naturally aspirated), including those running under severe conditions and/or with Exhaust Gas Recirculation
- Suitable for use with Ultra Low Sulfur Diesel now in wide use throughout Australia
- Petrol engines (Leaded and Unleaded fuels)
- LPG fuelled engines
- For all types of trucks, earthmoving equipment, stationary engines, cars and light commercials where a CJ-4 diesel rating or SM petrol rating is required.

## Specifications

**PERRYS DEO PREMIUM 15W/40 CJ-4/SM** meets or exceeds the following specifications:

API CJ-4, CI-4+, CH-4, CG-4  
API SM, SL  
ACEA E7-08, E9-08  
Cummins CES 20081  
Mack EO-O Premium Plus 07  
Caterpillar ECF-3  
DDC PGOS93K218  
Volvo VDS-4  
Navistar, DHD-1

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## Product Data Sheet

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### Typical Physical Characteristics

Property	Typical Value
Density, kg/L	0.872
Colour	3.5
Kinematic Viscosity at 40°C, cSt	99.0
Kinematic Viscosity at 100°C, cSt	14.2
Viscosity Index	146
Sulphated Ash, %wt	0.88
Zinc, %wt	0.13
Calcium, %wt	0.14
Total Base Number, mg KOH/g	7.6

**NOTE:** Values stated herein are typical and do not represent a specification.



**L.H. Perry & Sons**

## Product Data Sheet

### PERRYS DOT 4 BRAKE FLUID

PREMIUM QUALITY GLYCOL-TYPE AUTOMOTIVE BRAKE FLUID

#### Product Description

**PERRYS DOT 4 BRAKE FLUID** is a premium glycol-type automotive brake fluid. It is recommended for use in hydraulic disc and drum brake systems requiring a fluid which meets the DOT 4 performance standards.

The ability of **PERRYS DOT 4 BRAKE FLUID** to absorb a certain amount of moisture reduces the likelihood of cylinder corrosion. It also has a high Equilibrium Reflux Boiling Point, which reduces the chance of vapour lock.

**PERRYS DOT 4 BRAKE FLUID** is compatible with other approved DOT glycol ether and borate ester brake fluids. It must not be mixed with silicone ester type brake fluids. **PERRYS DOT 4 BRAKE FLUID** is compatible with all the materials in the brake system.

#### Performance Specifications

SAE J1704  
 FMVSS 116 DOT 3 and DOT 4  
 ISO 4925

#### Typical Physical Characteristics

Property	Units	Typical
Appearance		Clear and Bright
Equilibrium Reflux Boiling Pt (ERPb)	°C	272
Wet EBRP	°C	162
Viscosity at -40°C	mm <sup>2</sup> /s	770
Viscosity at 100°C	mm <sup>2</sup> /s	2.2
pH (50% aqueous solution)		8.0

**NOTE:** Values stated herein are typical and do not represent a specification.

DOT 4 BRAKE FLUID	Revision 1.0	ISSUED: 05/07/2012	Page 1 of 1
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## Product Data Sheet

### L.H. Perry & Sons

# Perrys Engine Oil 30

CF-4/SL Diesel Engine Oil

## Product Description

**PERRYS ENGINE OIL 30** has been formulated to lubricate turbo-charged and normally aspirated diesels operating under severe stress conditions in both on and off highway situations. It is recommended where a CF-4/SL or lesser specification engine oil is specified. It provides a high level of protection against wear, sludge formation and acid corrosion.

**PERRYS ENGINE OIL 30** assists in maintaining engine cleanliness and extending the life of all moving parts subject to wear.

## Applications

**PERRYS ENGINE OIL 30** is suitable for the lubrication of all types of trucks, earthmoving equipment, stationary engines and light commercials where a CF-4 or CF diesel rating API 30 monograde oil is recommended.

**PERRYS ENGINE OIL 30** is suitable for US diesel truck engines, Japanese and European diesel trucks. The CF-4 performance level offers additional protection for high speed diesels and the lower ash content of this product prevents injector fouling.

**Specifications:** API CF-4, CF, SL

## Typical Physical Characteristics

Property	Typical Value
Density, kg/L	0.8900
Colour	2.5
Kinematic Viscosity at 40°C, cSt	91.4
Kinematic Viscosity at 100°C, cSt	10.8
Viscosity Index	102
TBN. Mg KOH/g	8.3
Zinc, %wt	0.115
Sulphated Ash, %wt	0.08

**NOTE:** Values stated herein are typical and do not represent a specification.

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## Product Data Sheet

### **L.H. Perry & Sons**

## **Perrys HD Gear Oil**

80W90 & 85W140

### **Product Description**

**PERRYS HD GEAR OIL 80W90 & 85W140** are heavy duty automotive multi-purpose, sophisticated extreme pressure gear lubricants designed to meet the requirements of the API Service Classification GL-5 and Military Specification MIL-L-2105D.

They are fully inhibited against foaming, oxidation and corrosion, and contain sulphur/phosphorus extreme pressure additives which ensure that the oil meets all the requirements of modern automotive differentials, manual transmissions and final drives to operate at high load-carrying capacity at sustained high speed under high torque loading conditions, where such gear oils are required.

### **Applications**

**PERRYS HD GEAR OIL 80W90 & 85W140** should be used in differentials using hypoid and spiral bevel gears as well as manual transmissions which specify GL-5 gear oil (is recommended for 4WD gearboxes and transfer drives.)

### **Specifications**

**PERRYS HD GEAR OIL 80W/90** meets or exceeds the following specifications:

API - GL5  
BTR (BORG WARNER) 5M - 36  
DAIMLER – BENZ 235/2F  
FORD M2C-108A, M2C-105A,  
GENERAL MOTORS HN-1181, HN-1187, HN -1386.  
MACK GO - J  
MILITARY SPECIFICATIONS MIL - L - 2105D  
ROCKWELL STANDARD 0-76-D

**PERRYS HD GEAR OIL 85W/140** meets or exceeds the following specifications:

API - GL5  
CLARK MS-8  
FORD SM-2C-1013A  
INTERNATIONAL HARVESTER B-22  
MACK GO-J  
MILITARY SPECIFICATIONS MIL - L - 2105D  
ROCKWELL STANDARD 0-76-A  
WHITE MS-0016



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## Product Data Sheet

### **L.H. Perry & Sons**

#### Typical Physical Characteristics

Property	Typical Value	
SAE Grade	80W90	85W140
Density, kg/L	0.883	0.894
Colour	4.0	4.0
Kinematic Viscosity at 40°C, cSt	135	297
Kinematic Viscosity at 100°C, cSt	16.5	27.8
Viscosity Index	131	125
Phosphorus, %wt	0.098	0.098

**NOTE:** Values stated herein are typical and do not represent a specification.

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## Product Data Sheet

**L.H. Perry & Sons**

# Perrys Hand Cleaner

Citrus oil based hand cleaner that effectively removes Grime & Grease

## Product Description

**PERRYS HAND CLEANER** is a highly effective citrus based hand cleaner with polymer beads and skin conditioning ingredients.

**PERRYS HAND CLEANER** contains no petroleum solvents (which promote drying and harsh removal of the skins natural oils) and has a neutral pH and a citrus fragrance that leaves hands refreshed.

## Applications

**PERRYS HAND CLEANER** can be used in a variety of industries where heavy duty cleaning is required such as automotive, manufacturing, mining and printing to effectively remove dirt, grime and grease.

## Directions for Use

1. Apply small quantity to hands. Rub and massage the hands together thoroughly.
2. Rinse hands with cold or warm water.
3. Dry skin with cloth or paper towels.

## Typical Physical Characteristics

Property	Typical Value
Appearance	Orange Liquid
Odour	Citrus
pH	7.00 – 7.40
Flammability	Non Flammable
Specific Gravity	0.95 – 1.00
Solubility	Soluble in water
Flash Point	Not applicable

**NOTE:** Values stated herein are typical and do not represent a specification.

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## Product Data Sheet

# Food Armor Hydraulic Oil ISO 68

### Product Description

**Food Armor Hydraulic Oil 68** is formulated with food grade rust, oxidation and anti-wear inhibitors to promote increased lubricant service life and is approved by the Australian Department of Primary Industries and Energy as a FOOD GRADE LUBRICANT TYPE A.

The highly refined base oil is clear in colour and extremely pure. Every component of Food Armor Hydraulic 68 meets the requirements of Section 21 CFR 178.3570 of the United States FDA regulation.

### Applications

**Food Armor Hydraulic Oil 68** is suitable for use in a wide range of machinery employed when processing and packing food products for human consumption where incidental contact with food may occur.

Applications include hydraulic equipment, bearings, lightly loaded gears and other systems requiring general purpose lubrication.

### Typical Physical Characteristics

Property	Typical Value
ISO Viscosity Grade	68
Density, kg/L	0.884
Colour	0.5
Kinematic Viscosity at 40°C, cSt	67.5
Viscosity Index	92

**NOTE:** Values stated herein are typical and do not represent a specification.

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**L.H. Perry & Sons**

## Product Data Sheet

# PERRYS HYD 26 ISO 68

### Product Description

**PERRYS HYD 26** is a premium anti-wear hydraulic oil with rust, oxidation and foam inhibitors and zinc based anti-wear additives. It promotes excellent cleanliness, extended fluid life, demulsibility and filtering ability even when water contaminated.

**PERRYS HYD 26** has an exceptionally long life due to the use of premium hydrotreated mineral basestocks. These ultra-clear oils provide an improvement in hydraulic fluid life of up to 2x when compared to conventional mineral oil products. Excellent air release properties minimise compressibility and prevent noisy and erratic operation of equipment.

### Applications

**PERRYS HYD 26** is for use in hydraulic systems calling for zinc-based anti-wear oils, particularly systems with vane pumps operating at pump pressures above 1000 psi and speeds above 1200 rpm. The exceptional performance of the anti-wear additives in the important areas of high-pressure/high-speed pump protection, anti-rust and corrosion, thermal and oxidative stability and filterability provides a cost-effective product resulting in reduced equipment downtime. It can also be used in other systems where wear rates are high using conventional oils.

**PERRYS HYD 26** is compatible with other hydraulic oils that contain a zinc based anti-wear system.

### Specifications

**PERRYS HYD 26** meets or exceeds the requirements of:

- DENISON HF-0
- DIN 51524 Part 2
- VICKERS M-2950-S
- VICKERS I-286-S
- CINCINNATI MILACRON P-68, P-69 and P-70
- U.S. STEEL 127 and 136
- GM LS-2
- JCMAS HK
- Bosch Rexroth

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## Product Data Sheet

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### Typical Physical Characteristics

Property	Typical Value
ISO Viscosity Grade	68
Density, kg/L	0.880
Colour	0.5
Kinematic Viscosity at 40°C, cSt	68.0

**NOTE:** Values stated herein are typical and do not represent a specification.



## Product Data Sheet

**L.H. Perry & Sons**

# Perrys Hydraulic 68 ISO 68

### Product Description

**PERRYS HYDRAULIC 68** is a general purpose anti-wear hydraulic oil.

**PERRYS HYDRAULIC 68** is formulated with rust, oxidation and foam inhibitors and zinc-based anti-wear additives. The performance of the additives in the important areas of anti-wear, anti-rust and corrosion, thermal and oxidative stability provides a cost-effective product resulting in reduced equipment downtime.

**PERRYS HYDRAULIC 68** is compatible with other hydraulic oils that contain a zinc based anti-wear system.

### Applications

**PERRYS HYDRAULIC 68** is an excellent economic choice for use in hydraulic systems calling for a zinc-based anti-wear oils.

### Typical Physical Characteristics

Property	Typical Value
ISO Viscosity Grade	68
Density, kg/L	0.878
Colour	3.5
Kinematic Viscosity at 40°C, cSt	68.0
Viscosity Index	99

**NOTE:** Values stated herein are typical and do not represent a specification

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**L.H. Perry & Sons**

## Product Data Sheet

# PERRYS MULTIFLEET ENGINE OIL

CI-4+/SL 15W40

### Product Description

**PERRYS MULTIFLEET ENGINE OIL** is a multi-grade high performance detergent-type diesel and petrol engine oil developed for high performance turbo-charged and naturally aspirated diesel engines. The oil will provide better protection, easy cranking in cold weather, reduced emissions and very high temperature stability. The low phosphorus level and low sulfated ash content will suit the needs of mixed fleet operators including those with petrol engines with catalytic converters.

**PERRYS MULTIFLEET ENGINE OIL** provides a superior level of protection against wear, sludge formation and acid corrosion and assists in maintaining engine cleanliness and extending the life of all moving parts subject to wear. API CI-4+ oils offer a higher levels of protection against soot-related viscosity increase when compared with CI-4 products.

### Applications

**PERRYS MULTIFLEET ENGINE OIL** is particularly suited to mixed fleet use in:

- Diesel engines (Turbocharged and naturally aspirated)
- Petrol engines (Leaded and Unleaded fuels)
- LPG fuelled engines
- For all types of trucks, earthmoving equipment, stationary engines, cars and light commercials where a CI-4+ diesel rating or SL petrol rating, or earlier API rating, is required.

### Specifications

**PERRYS MULTIFLEET ENGINE OIL** is recommended for use when the following specifications are required:

ACEA E7, E2-96 Issue 5 (2007), B3-98 Issue 2 (2002), A2-96 Issue 3 (2002)  
API CI-4+, CI-4, CH-4, CG-4, CF-4, CF  
API SL, SJ  
Allison C-4  
CUMMINS CES 20076  
Caterpillar ECF-1-a  
MACK EO-M Plus  
MAN 271  
MB-Approval 228.1, 228.3, 229.1  
MTU Type 1  
VOLVO VDS-2  
Renault Truck RD/RD-2

PERRYS MULTIFLEET ENGINE  
OIL CI-4 PLUS 15W40

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**L.H. Perry & Sons**

ZF TE-ML07C, ZF TE-ML04C

## Product Data Sheet

### Typical Physical Characteristics

Property	Typical Value
Density, kg/L	0.873
Colour	4.0
Kinematic Viscosity at 40°C, cSt	104.83
Kinematic Viscosity at 100°C, cSt	14.26
Viscosity Index	139

**NOTE:** Values stated herein are typical and do not represent a specification.





## Product Data Sheet

### **L.H. Perry & Sons**

## Perrys O/Board

MARINE OUTBOARD 2 STROKE (Ashless)

### Product Description

**O/Board** is a versatile ashless high performance Two Stroke engine oil developed for marine outboards. Designed to mix easily and completely with all types of petrol in both pre-mix and oil injection systems and once mixed will not separate. Provides outstanding detergency in outboard water-cooled two-cycle gasoline engines and excellent rust protection during extended engine storage periods. Does not contribute to preignition or spark plug fouling.

### Applications

Suitable for use in all fuel/oil mix Two Stroke engines, particularly outboards requiring TC-W3 grade oil. Exceeds the current requirements of Mercury, Tohatsu, Evinrude/Johnson, Suzuki, Yamaha and Mariner.

### Specifications

This product formulation meets the latest TC-W3® reformulated performance specifications.

Product Registration Number: NMMA TC-W3 RL-00417J 2009

### Typical Physical Characteristics

Property	Typical Value
Density, kg/L	0.878
Colour	Blue
Kinematic Viscosity at 40°C, cSt	37.6
Kinematic Viscosity at 100°C, cSt	6.7
Viscosity Index	136

**NOTE:** Values stated herein are typical and do not represent a specification.

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## Product Data Sheet

**L.H. Perry & Sons**

# Perrys Truck & Farm LC 2.5

Multi-Purpose Lithium Complex Grease

### Product Description

**Perrys Truck & Farm LC 2.5** is high temperature extreme pressure grease which lubricates at temperatures up to 170°C. It retains its consistency even at these temperatures to provide more cushioning and sealing protection, resulting in lower operating temperatures and less noise, friction and wear.

The formulation of **Perrys Truck & Farm LC 2.5** includes lithium complex soap base and polymers that are blended in a unique manufacturing process to ensure that the finished product is drawn into moving components, reducing grease loss and minimizing usage.

### Applications

Unlike most high temperature greases, **Perrys Truck & Farm LC 2.5** has excellent pumpability at low temperatures. It provides maximum anti-wear and extreme pressure protection under heavy and high shock loads, both at low and high temperatures and speeds.

**Perrys Truck & Farm LC 2.5** adheres to components in all conditions, reducing oxidation and extending lubrication intervals. Because of its characteristics it provides optimum protection against acid corrosion, water and condensation and resists washout.

**Perrys Truck & Farm LC 2.5** is suitable for everyday use wherever grease is required, including for use under the most demanding applications, such as on kiln trucks, oven chains, rock drilling rods, canning machinery, wheel bearings, universal joints, ball joints, electric motors, shackle pins, steering links, water pumps, king and bucket pins, sealed and open gears, track rollers, and boat trailers.

**Perrys Truck & Farm LC 2.5** is highly recommended for marine, mining, agricultural, manufacturing, earthmoving, on and off road transport and transport fleet operations.

### Specifications

**Perrys Truck & Farm LC 2.5** saves lost production time and money by reducing inventory grease consumption, labour costs, down time and extending equipment life. Where routine preventative maintenance is practiced, **Perrys Truck & Farm LC 2.5** has proven to be the most effective way of extending component and machinery life.

**IMPORTANT:** When first applying Perrys Truck & Farm LC 2.5, the best results are obtained by cleaning or purging previously used grease from the component or bearing.

PERRYS TRUCK AND FARM GREASE LC 2.5	Revision 2.0	ISSUED: 05/07/2012	Page 1 of 2
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**L.H. Perry & Sons**

## Product Data Sheet

### Typical Physical Characteristics

Property	Typical Value
NLGI Grade	Medium Soft 2.5
Thickener Type	Lithium Complex Soap
Colour	Blue
Mineral Base Oil Viscosity cSt, 40°C	220 typical
Unworked Penetration, D217	285 (distance in mm.)
Worked Penetration, D217, 25°C, 60 strokes	295+
Drop Point, D2265	Above 260°C
Water Washout, D1264, % Loss Max.	3
Rust Prevention, D1743, Rating	0
SKF Emscor rating IP220	0
Copper Corrosion, D4048, Rating	No Corrosion
Four Ball Wear, D2266, mm Scar Diameter	0.30
Four Ball EP Weld Point, D2596, Min	340
Timken OK load, D2509, lb	100
Wheel Bearing Leakage, D1263	0.5%
Absorption (by weight) of water	Up to 60%
Suitable for use in temperatures up to	300°C (will oxidise readily, requiring re-lube) 170°C (for long period of time)

**NOTE:** Values stated herein are typical and do not represent a specification.



## Product Data Sheet

**L.H. Perry & Sons**

# PERRYS TRUCK WASH

Detergent Degreaser

## Product Description

**PERRYS TRUCK WASH** is a powerful detergent degreaser which effectively removes dirt, road grime, oil, grease, insects and dust from vehicles and a variety of other surfaces. It is easy to use and can be diluted at various ratios depends on requirements.

## Applications

**PERRYS TRUCK WASH** is suitable for cleaning all vehicles and trucks leaving the body work clean and shiny. It is also suitable for a range of cleaning operations in the factory and workshop.

## Method of Use

### Foaming Equipment:

Recommended dilution rate is between 5 and 20% dependent on the dirt/soil to be removed.

### High Pressure Water Washers:

Add **PERRYS TRUCK WASH** undiluted to the detergent tank. Adjust detergent feed to suit cleaning requirements. Leave on surface for 10 minutes and then rinse off with clean water.

### Mechanical Vehicle Washers:

For gantry or funnel type with spray, rotating brushes or rollers. Recommended dilution rate is 5%.

### Manual Applications:

Recommended dilution rate is 5% (1 in 20, i.e. 50mls per litre) with hot or cold water. Apply to surface with a mop, brush or sponge. Rinse off with water.

For Vehicle Washing dilute between 3 to 5%, for hard surfaces dilute at 2.5% and apply cleaning solution directly to surfaces. Allow time for the detergent to penetrate (10 minutes). Rinse off with high pressure clean water.

## Safety Precautions

Keep out of reach of children.

If swallowed, **DO NOT INDUCE VOMITING**. Give a glass of water. Seek immediate medical assistance. As with most detergents, prolonged contact with skin may cause irritation. When handling, wear PVC or rubber gloves. Avoid contact with skin and wear safety glasses.

Do not mix detergent with other chemicals.

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**L.H. Perry & Sons**

## Product Data Sheet

### Spillages

Spillages are slippery. Contain and absorb with an inert absorbent material and dispose of in an approved manner. Wash any residue away immediately.

### Caution

As with any vehicle detergent, DO NOT apply **PERRYS TRUCK WASH** to hot surfaces (such as vehicles exposed to strong sunlight). DO NOT allow detergent solution to dry on vehicles before washing off.

**NOTE:** Values stated herein are typical and do not represent a specification.



## Product Data Sheet

**L.H. Perry & Sons**

# Perrys Universal Tractor Oil

15W40

## Product Description

**PERRYS UNIVERSAL TRACTOR OIL** is a premium quality "Super Tractor Oil Universal", a truly universal multi-purpose tractor oil for use where a common oil is required for all applications in older model tractors, including Massey Ferguson and International.

**PERRYS UNIVERSAL TRACTOR OIL** can be used for engines (where a 10W20 or 15W/40 grade is required), as well as main transmissions, agricultural hydraulic systems, tractor gearboxes and ancillary equipment.

Equipment operating under low temperature conditions will also benefit from the product's ability to be pumped quickly to all moving parts of the equipment when it is first started.

## Specifications

**PERRYS UNIVERSAL TRACTOR OIL** meets or exceeds the requirements for Engine Performance of:

- ACEA E2
- API CF-4, CF, CE, SF
- MB-Approval 227.1, 228.1, 228.3
- MAN 271
- MIL-L-2104D

As well as

- ACEA E7 level of Soot control and piston cleanliness
- ACEA E4-08 level of wear performance

**PERRYS UNIVERSAL TRACTOR OIL** meets or exceeds the followings specifications for agricultural and off highway applications of:

- John Deere JDM J27 (Specification obsoleted 2005)
- Ford M2C159-B
- Massey Ferguson CMS M1145
- Massey Ferguson CMS M1144
- Massey Ferguson CMS M1139
- Allison C-4
- API GL-4
- Caterpillar TO-2
- ZF TE-ML 06B
- ZF TE-ML 06C
- ZF TE-ML 06D
- ZF TE-ML 07B

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## Product Data Sheet

**L.H. Perry & Sons**

### Typical Physical Characteristics

Property	Typical Value
SAE Grade	15W40
Density, kg/L	0.880
Colour	4.0
Kinematic Viscosity at 40°C, cSt	102
Kinematic Viscosity at 100°C, cSt	14.6
Viscosity Index	148

**NOTE:** Values stated herein are typical and do not represent a specification.

*This is not a controlled document subject to automatic updates*

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## Product Data Sheet

**L.H. Perry & Sons**

# WINTER SPRAY OIL (Miscible Insecticide)

### Product Description

**Winter Spray Oil** is designed to be used on deciduous trees in their dormant state, in the control of scale insects and mites.

It is highly refined, heavy mineral spray oil, which mixes readily with water. Being heavier than Summer Spray Oil, Winter Spray Oil remains on the plant longer in winter conditions and so is more effective against wintering pests.

**Winter Spray Oil** can be used as a spreading agent for selected fungicides and pesticides.

### Directions for Use

Crop	Pest	State	Rate	Comments
Apple & Pear	San Jose Scale European Red Mite Bryobia Mite Blister Mite	Victoria	3lt Oil to 100lt water	Apply during late dormant period prior to bud burst on fine windless days
Cherries Plum Apricots Peaches Nectarines Almonds	San Jose Scale Brown Olive Scale Red Mites Bryobia Mite			Spray thoroughly to ensure complete coverage of eggs on undersides of lateral spurs and leaders.
Grape Vines	Grapevine Scale			Apply to Grape vines mid-winter when plants are fully dormant.

**Not to be used for any purpose or in any manner contrary to this label unless authorised under appropriate legislation.**

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# Product Data Sheet

## L.H. Perry & Sons

### Restraints / General Instructions

- **Withhold period** one day. Do not apply later than one day before harvest.
- **Mixing.** Do not premix. Add half the amount of water required to the spray vat and commence agitation. Add the required quantity of Winter Spray Oil, then add the remainder of the water. Always add oil to water, not water to oil.

### Specifications

Meets AS 1888-1976

### Safety Directions

Avoid contact with eyes and skin. After use and before eating and drinking or smoking, wash hands, arms and face thoroughly with soap and water.

### Typical Physical Characteristics

Property	Typical Value
Colour ASTM DI500	L O.5 (Clear)
Density ASTM D1298 kg/l:	0.859
Viscosity ASTM D445 cSt @ 40°	33.0
Viscosity ASTM D445 cSt @ 100°	5.0
V.I. ASTM D2270	104
Flash Point COC ASTM D92 °C	210
Pour Point ASTM D97	-12
Conradson Carbon Res. ASTM D524 (Conv.)%	0.03
Analine Point ASTM D611 °C	102
Refractive Index 20 °C	0.4754
Sulphur IP Index 336 Mass %:	0.20
Clay Gel Absorption ASTM D22007	
Asphaltenes %	< 0.1
Polar Comp %	0.0
Aromatic %	20
Saturates %	80

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## Product Data Sheet

**L.H. Perry & Sons**

Carbon Type Analysis ASTM D2140	
CA %	3.0
CN %	28
CP %	69

**NOTE:** Values stated herein are typical and do not represent a specification.