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PRODUCT INDEX

We have extensive experience in the fluid transfer solutions market, with over 90 centres covering the whole of the UK and Ireland, manned by highly trained staff. We have introduced a complete range of lubrication, refueling and spill control products to meet our customer requirements in protecting the environment from costly and damaging oil spills.

Increasing environmental awareness and the rapid decline in available landfill space has prompted the Government to take even more stringent steps in protecting the environment from potentially harmful waste materials. The carcinogenic waste products such as used oils and items contaminated with oils or chemicals is becoming increasingly important to Pirtek and its customers.

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| | | Diesel Engine Oil (Mineral) | |
| | | Diesel Engine Oil (Mineral Monogrades) | |
| | | Detroit Diesel 2 Cycle Engine Oil (Mineral) | |
| | | Engine Oil (Synthetic) | |
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| | | Semi Synthetic 2 Stroke Oil | |
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| | | Gear Oil (Semi Synthetic) | |
| | | Gear Oil (Synthetic) | |
| | | Transmission Fluid | |
| | | ATF DII | |
| | | ATF DIII | |
| | | Transmission No 6 | |
| | | Transmission No 8 | |
| | | COMMERCIAL VEHICLE & AUTO ANCILLARY | 556 |
| | | Antifreeze (Monoethylene Glycol) | |
| | | Antifreeze (Propylene Glycol) | |
| | | Universal Brake & Clutch Fluid | |
| | | Parts Degreaser | |
| | | Traffic Film Remover | |
| | | Oil Patch Remover | |
| | | Break & Clutch Cleaner | |
| | | Degreaser | |
| | | WD40 | |
| | | Hand Cleaner | |
| | | Pre Work Lotion | |
| | | Post Work Lotion | |
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| | | Gear Oils PAG (Synthetic) | |
| | | Gear Oils Food Grade | |
| | | Compressor Oils | |
| | | Compressor Oils (Mineral) | |
| | | Long Drain Compressor Oils (Synthetic) | |
| | | Food Grade Synthetic Compressor Oils | |
| | | Slideway Oils | |
| | | Slideways Oils (Mineral) | |
| | | Slideway/Hydraulic Oils (Mineral) | |
| | | Slideway (Percussion Air Tools) | |
| | | Slideway Bio (Synthetic) | |
| | | Heat Transfer Oils | |
| | | Heat Transfer Oil (Mineral) | |
| | | Quench Oils | |
| | | Quench Oil (Mineral) | |
| | | Process | |
| | | Oil/Dielectric/Spark | |
| | | Erosion | |
| | | Hydrocarbon Oil (Mineral) | |
| | | Refrigeration Oils | |
| | | Refrigeration Compressor Oils (Mineral) | |
| | | Transformer Oils | |
| | | Transformer Oils (Mineral) | |
| | | De-Watering & Corrosion Protection Oils | |
| | | Internal Protection Oil (Mineral) | |
| | | External Protection Oil (Mineral) | |
| | | Mould Release Oils | |
| | | Concrete Mould Release Oils (Mineral) | |
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| | | Metal Working Fluids | |
| | | WS 1 - Water Soluble | |
| | | WS 2 - Water Soluble | |
| | | WS 3 - Water Soluble | |
| | | WS 4 - Water Soluble | |
| | | WS G - Water Soluble | |
| | | No 1 - Neat Oil | |
| | | No 2 - Neat Oil | |
| | | No 3 - Neat Oil | |
| | | No 4 - Neat Oil | |
| | | No 5 - Neat Oil | |
| | | No 6 - Neat Oil | |
| | | No 7 - Neat Oil | |
| | | No 8 - Neat Oil | |
| | | No 9 - Neat Oil | |
| | | No 10 - Neat Oil | |
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| | | Super Universal Tractor Oil | |
| | | Engine/Transmission/Hydraulic (SUTO)(Mineral) | |
| | | Ultraplant Engine/Transmission/Hydraulic (Mineral) | |
| | | Universal Tractor/Transmission Oil (UTTO) (Mineral) | |
| | | Diesel Engine Oil (Mineral) | |
| | | Diesel Engine Oil | |
| | | Transmission No 6 (Combined Transmission/Hydraulic) | |
| | | Transmission No 8 (Combined Transmission/Hydraulic) Rear Axle/Wet Brake | |
| | | Transmission Oil Universal (Combined Transmission/Hydraulic) | |
| | | Power Steering Fluid | |
| | | Power Harrow Fluid | |
| | | Biodegradable Hydraulic Oil | |
| | | Teleporter Hydraulic Fluid | |
| | | Horticultural Engine Oil (4 Stroke Oil) | |
| | | Two Stroke Oil | |
| | | Chainsaw Oil | |
| | | Biodegradable Chainsaw Oil(CEC-L-33-T-93) | |
| | | Milking Machine Oil(Non-Additive-Mineral Oil) | |
| | | GREASES | 559 |
| | | Lithium Based | |
| | | Lithium Based with EP Additives | |
| | | Lithium Complex EP | |
| | | Lithium & Molybdenum Disulphide | |
| | | Calcium Graphite | |
| | | Copper Anti-Seize | |
| | | Food Grade Grease | |
| | | Silicon Grease | |
| | | Bio Grease (Synthetic) | |
| | | For Technical Data please see Section 9 | |



| Part Number | Type - Grade | Description | Container Size | | | | | | IBC | Technical Data |
|--------------------------|---------------------|------------------------------|----------------|-------|------|-------|--------|--------|-----|-------------------------|
| | | | 500 ml | 400 g | 1Ltr | 5 Ltr | 20 Ltr | 25 Ltr | | |
| Hydraulic Oils | | | | | | | | | | |
| HYD-OIL-ISO-32 | ISO 32 | GRADE ISO32 HYD OIL | | | | | | X | | DIN 51524 Part 1 |
| HYD-OIL-10 | 10 HYD | GRADE 10 HYD OIL | X | X | X | X | X | X | | DIN 51524 Part 2 |
| HYD-OIL-15 | 15 HYD | GRADE 15 HYD OIL | X | X | X | X | X | X | | DIN 51524 Part 2 |
| HYD-OIL-22 | 22 HYD | GRADE 22 HYD OIL | X | X | X | X | X | X | X | DIN 51524 Part 2 |
| HYD-OIL-32 | 32 HYD | GRADE 32 HYD OIL | X | X | X | X | X | X | X | DIN 51524 Part 2 |
| HYD-OIL-37 | 37 HYD | GRADE 37 HYD OIL | X | X | X | X | X | X | X | DIN 51524 Part 2 |
| HYD-OIL-46 | 46 HYD | GRADE 46 HYD OIL | X | X | X | X | X | X | X | DIN 51524 Part 2 |
| HYD-OIL-68 | 68 HYD | GRADE 68 HYD OIL | X | X | X | X | X | X | X | DIN 51524 Part 2 |
| HYD-OIL-100 | 100 HYD | GRADE 100 HYD OIL | X | X | X | X | X | X | X | DIN 51524 Part 2 |
| HYD-OIL-150 | 150 HYD | GRADE 150 HYD OIL | X | X | X | X | X | X | X | DIN 51524 Part 2 |
| HYD-OIL-220 | 220 HYD | GRADE 220 HYD OIL | X | X | X | X | X | X | X | DIN 51524 Part 2 |
| HYD-OIL-320 | 320 HYD | GRADE 320 HYD OIL | X | X | X | X | X | X | X | DIN 51524 Part 2 |
| HYD-OIL-10-VHVI | 10 VHVI | GRADE 10 VHVI HYD OIL | X | X | X | X | X | X | X | DIN 51524 Part 3 |
| HYD-OIL-15-VHVI | 15 VHVI | GRADE 15 VHVI HYD OIL | X | X | X | X | X | X | X | DIN 51524 Part 3 |
| HYD-OIL-22-VHVI | 22 VHVI | GRADE 22 VHVI HYD OIL | X | X | X | X | X | X | X | DIN 51524 Part 3 |
| HYD-OIL-32-VHVI | 32 VHVI | GRADE 32 VHVI HYD OIL | X | X | X | X | X | X | X | DIN 51524 Part 3 |
| HYD-OIL-46-VHVI | 46 VHVI | GRADE 46 VHVI HYD OIL | X | X | X | X | X | X | X | DIN 51524 Part 3 |
| HYD-OIL-68-VHVI | 68 VHVI | GRADE 68 VHVI HYD OIL | X | X | X | X | X | X | X | DIN 51524 Part 3 |
| HYD-OIL-100 -VHVI | 100 VHVI | GRADE 100 VHVI HYD OIL | X | X | X | X | X | X | X | DIN 51524 Part 3 |
| HYD-OIL-RS46 | 46 RS CEC L-33-I-93 | GRADE 46 ECO VEG OIL | X | X | X | X | X | X | X | CEC L-33-I-93 |
| HYD-OIL-SE46 | 46 SYN OECD 301 B | GRADE 46 ECO SYNTHETIC OIL | X | X | X | X | X | X | X | OECD 201/202/203 & 301B |
| HYD-OIL-FR46 | 46 FR WG | GRADE 46 WATER GLYCOL FR OIL | X | X | X | X | X | X | X | FACTORY MUTUAL Class 1 |
| HYD-OIL-PE46 | 46 FR PE | GRADE 46 PH ESTER FR OIL | X | X | X | X | X | X | X | FACTORY MUTUAL Class 1 |
| HYD-OIL-FG32 | 32 FG | GRADE 32 FOOD GRADE HYD OIL | X | X | X | X | X | X | X | US FDA H1 |
| HYD-OIL-FG46 | 46 FG | GRADE 46 FOOD GRADE HYD OIL | X | X | X | X | X | X | X | US FDA H1 |
| HYD-OIL-FG46-VG | 46 FG SYN | GRADE 46 FOOD GRADE HYD OIL | X | X | X | X | X | X | X | SYNTHETIC US FDA H1 |
| HYD-OIL-FG68 | 68 FG | GRADE 68 FOOD GRADE HYD OIL | X | X | X | X | X | X | X | US FDA H1 |
| HYD-OIL-FG68-VG | 68 FG SYN | GRADE 68 FOOD GRADE HYD OIL | X | X | X | X | X | X | X | SYNTHETIC US FDA H1 |
| HYD-OIL-FG100 | 100 FG | GRADE 100 FOOD GRADE HYD OIL | X | X | X | X | X | X | X | US FDA H1 |
| HYD-OIL-FG150 | 150 FG | GRADE 150 FOOD GRADE HYD OIL | X | X | X | X | X | X | X | US FDA H1 |
| HYD-OIL-FG220 | 220 FG | GRADE 220 FOOD GRADE HYD OIL | X | X | X | X | X | X | X | US FDA H1 |
| HYD-OIL-LZ15 | 15 LZ | GRADE 15 LOW ZINC HYD OIL | X | X | X | X | X | X | X | DIN 51524 Part 2 |
| HYD-OIL-LZ22 | 22 LZ | GRADE 22 LOW ZINC HYD OIL | X | X | X | X | X | X | X | DIN 51524 Part 2 |
| HYD-OIL-LZ32 | 32 LZ | GRADE 32 LOW ZINC HYD OIL | X | X | X | X | X | X | X | DIN 51524 Part 2 |
| HYD-OIL-LZ46 | 46 LZ | GRADE 46 LOW ZINC HYD OIL | X | X | X | X | X | X | X | DIN 51524 Part 2 |
| HYD-OIL-LZ68 | 68 LZ | GRADE 68 LOW ZINC HYD OIL | X | X | X | X | X | X | X | DIN 51524 Part 2 |

| Part Number | Type - Grade | Description | Container Size | | | | | 208 Ltr | IBC | Technical Data |
|-----------------------------|--------------|-----------------------------------|----------------|-------|------|-------|--------|---------|-----|--------------------|
| | | | 500 ml | 400 g | 1Ltr | 5 Ltr | 20 Ltr | | | |
| Engine and Gear Oils | | | | | | | | | | |
| D-ENG-OIL-10W | 10W | GRADE 10W DIESEL ENGINE / HYD OIL | | | X | X | X | X | X | API CD/SG |
| D-ENG-OIL-10W/30 | 10W/30 | GRADE 10W/30 DIESEL ENGINE OIL | | | X | X | X | X | X | API CF4/SG |
| D-ENG-OIL-15W/40 | 15W/40 | GRADE 15W/40 DIESEL ENGINE OIL | | | X | X | X | X | X | API CF4/SJ |
| D-ENG-OIL-20W/20 | 20W/20 | GRADE 20W/20 DIESEL ENGINE OIL | | | X | X | X | X | X | API CF4/SG |
| D-ENG-OIL-SHPD | SHPD | GRADE SHPD DIESEL ENGINE OIL | | | X | X | X | X | X | API CH4/SL ACEA E5 |
| D-ENG-OIL-TRACTOR | 15W/30 | UNIVERSAL TRACTOR OIL 15W/30 | | | X | X | X | X | X | API CF/ SF |
| GEAR-OIL-EP80 | EP 80 | GRADE EP80 AUTO GEAR OIL | | X | X | X | X | X | X | API GL 4 |
| GEAR-OIL-EP80W/90 | EP 80W/90 | GRADE EP 80W/90 AUTO GEAR OIL | | X | X | X | X | X | X | API GL 4 |
| GEAR-OIL-EP90 | EP 90 | GRADE EP 90 AUTO GEAR OIL | | X | X | X | X | X | X | API GL 4 |
| GEAR-OIL-HP85W/140 | HD 85W/140 | GRADE HD 85W/140 AUTO | | X | X | X | X | X | X | API GL 5 |
| P-ENG-OIL-10W/30 | 10W/30 | GRADE 10W/30 PETROL ENGINE OIL | | X | X | X | X | X | X | API SG /CF4 |
| P-ENG-OIL-10W/40 | 10W/40 | GRADE 10W/40 PETROL ENGINE OIL | | X | X | X | X | X | X | API SG/CF4 |
| P-ENG-OIL-15W/40 | 15W/40 | GRADE 15W/40 PETROL ENGINE OIL | | X | X | X | X | X | X | API SH/CF4 |
| P-ENG-OIL-30 | 30 | GRADE 30 PETROL ENGINE OIL | | X | X | X | X | X | X | API CC/SF |
| TRANS-FLUID | D2 | ATF D2 TRANSMISSION FLUID | | X | X | X | X | X | X | Dexron D 11 |
| TRANS-OIL-6 | 6 | GRADE 6 TRANSMISSION OIL | | X | X | X | X | X | X | API GL 4 |
| TRANS-OIL-G | G | GRADE TYPE G TRANSMISSION FLUID | | X | X | X | X | X | X | Ford M2C33G & 33F |
| BRAKE-FLUID | DOT 4 | GRADE DOT 4 BRAKE FLUID | | X | X | X | X | X | X | ISO 4925 SAE J1703 |

Industrial Lubricants

| | | | | | | | | | | |
|--------------------------|--------|------------------------------|--|---|---|---|---|---|---|------------------|
| COMP-OIL-32 | VG 32 | GRADE 32 COMPRESSOR OIL | | | X | X | X | X | X | DIN 51506 VDL |
| COMP-OIL-68 | VG68 | GRADE 68 COMPRESSOR OIL | | | X | X | X | X | X | DIN 51506 VDL |
| CUT-FLUID-EP-22C | EP 22C | CUTTING FLUID EP 22C SOLUBLE | | | X | X | X | X | X | DIN 51521 |
| CUT-FLUID-NP | NP | CUTTING FLUID NP SOLUBLE | | | X | X | X | X | X | DIN 51525 |
| GEAR-OIL-VG220 | VG 220 | GRADE VG220 INDUSTRIAL GEAR | | X | X | X | X | X | X | DIN 51517 Part 3 |
| GEAR-OIL-VG320 | VG 320 | GRADE VG320 INDUSTRIAL GEAR | | X | X | X | X | X | X | DIN 51517 Part 3 |
| HEAT-TRANS-OIL-32 | 32 | GRADE 32 HEAT TRANSFER OIL | | | X | X | X | X | X | DIN 51522 |
| SLIDE-OIL-68 | 68 | GRADE 68 SLIDEWAY OIL | | X | X | X | X | X | X | CM P47.50 & 53 |

Grease and Aerosols

| | | | | | | | | | | |
|----------------------|------------------|-----------------------------|--|--|--|--|--|--|---|------------------|
| AVO-EP2 | EP2 | GRADE EP2 GREASE CARTRIDGE | | | | | | | X | Lithium NLGI 2 |
| PIRTEK | | | | | | | | | | |
| MULTIPURPOSE | | | | | | | | | | |
| SPRAY | BS EN 13045:2000 | AEROSOL MULTI PURPOSE SPRAY | | | | | | | X | BS EN 13045:2000 |
| PIRTEK CITRUS | | | | | | | | | | |
| DEGREASER | BS EN 13045:2000 | AEROSOL DEGREASER SPRAY | | | | | | | X | BS EN 13045:2000 |
| PIRTEK BRAKE | | | | | | | | | | |
| CLEANER | BS EN 13045:2000 | AEROSOL BRAKE CLEANER | | | | | | | X | BS EN 13045:2000 |
| PIRTEK CHAIN | | | | | | | | | | |
| LUBE | BS EN 13045:2000 | AEROSOL CHAIN LUBE SPRAY | | | | | | | X | BS EN 13045:2000 |

Hydraulic oils

Hydraulic - HM

SPECIFICATIONS
DIN 51524 Part 2
ISO VG
10, 15, 22, 32, 37, 46, 68, 100, 150, 220, 320.



Hydraulic - HV

SPECIFICATIONS
DIN 51524 Part 3
ISO VG
10, 15, 22, 32, 46, 68, 100.

Hydraulic - Food Grade

SPECIFICATIONS
US FDA HI
ISO VG
32, 46, 68, 100, 150, 220.

Hydraulic - Food Grade Synthetic

SPECIFICATIONS
US FDA HI
ISO VG
46, 68.

Hydraulic - Low Zinc

SPECIFICATIONS
DIN 51524 Part 2
ISO VG
15, 22, 32, 46, 68.

Hydraulic - Biodegradable

SPECIFICATIONS
DIN 51524 Part 3 (HEES 46)
ISO VG
46.

Synthetic Ester

SPECIFICATIONS
OECD 201,202, 203 & 301B.

Hydraulic - Biodegradable

SPECIFICATIONS
DIN 51524 Part 3
ISO VG
46.

Vegetable Ester

SPECIFICATIONS
CEC L-33-T-93

Hydraulic - Fire Resistant Biodegradable

ISO VG
46.

Fire Resistant HFD - U Factory Mutual Class 1

SPECIFICATIONS
CEC L-33-T-93

Hydraulic - Fire Resistant HFC

ISO VG
46.

Water Glycol Factory Mutual Class 1

Hydraulic - Fire Resistant

ISO VG
46.
Phosphate Ester HFD Factory Mutual Class 1

Hydraulic - Synthetic

SPECIFICATIONS
DIN 51524 Part 3
ISO VG
32 & 46.

Vehicle Hydraulic Systems - Low Temp/Water Resistant

SPECIFICATIONS
DIN 51524 Part 3
ISO VG
22 (SVI).

Cold Store 15 HV - Low Temp

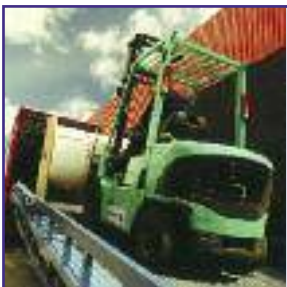
SPECIFICATIONS
DIN 51524 Part 3
ISO VG
15.

Low Temp LT 10 - Low Temp/Air Tool

SPECIFICATIONS
DIN 51524 Part 3
ISO VG
10.



5.1



Commercial & Plant

Diesel Engine Oil (Synthetic)

CLASS
SAE 5w/30
SPECIFICATIONS
ACEA E5/E4.

Diesel Engine Oil (semi Synthetic)

CLASS
SAE 10w/40
SPECIFICATIONS
API CF, ACEA E4.

Diesel Engine Oil (Synthetic)

CLASS
SAE 15w/40
SPECIFICATIONS
API CI-4/SL, ACEA E7/E5.

Diesel Engine Oil (Mineral)

CLASS
SAE 15w/40
SPECIFICATIONS
API CH4/SL, ACEA E5/E3.

Diesel Engine Oil (Mineral)

CLASS
SAE 15w/40
SPECIFICATIONS
API CH4/SJ, ACEA E3.

Diesel Engine Oil (Mineral)

CLASS
SAE 10w/30.
SAE 10w/40.
SAE 15w/40.
SAE 20w/40.

SPECIFICATIONS
API CF4/SG, ACEA E2.

Diesel Engine Oil (Mineral Monogrades)

CLASS
SAE 10w.
SAE 20w.
SAE 30w.

Specifications
API CF/SG.

CLASS
SAE 40w.
SAE 50w.

SPECIFICATIONS
API CC/SF.

Detroit Diesel 2 Cycle Engine Oil (Mineral)

CLASS
DD 40.
SPECIFICATIONS
API CF-4.



Engine Oil (Synthetic)

CLASS
SAE 5W/40.
SPECIFICATIONS
API SL/CF, ACEA A3/B3/B4.

Engine Oil (Semi Synthetic)

CLASS
SAE 5w/30.
SPECIFICATIONS
API SJ, ACEA A1/B1.

Engine Oil (Semi Synthetic)

CLASS
SAE 10w/40.
SPECIFICATIONS
API SL/CF, ACEA A3/B3.

Engine Oil (Mineral)

CLASS
SAE 10w/30.
CLASS
SAE 10w/40.
CLASS
SAE 15w/40.
CLASS
SAE 15w/50.
SPECIFICATIONS
API SJ/CF.

2 Stroke Oils

2 x Stroke Petrol Engine

CLASS
API TC, TC+ (50:1 Ratio).

Semi Synthetic 2 Stroke Oil

CLASS
API TC JASO - FC, 150-L-EGD.

Synthetic 2 Stroke Oil

(Maximum performance applications)
CLASS
API TC JASO - FC, 150-L-EGD (40:1 Ratio).

Outboard 2 Stroke Oils (mineral)

CLASS
API TC-WII.

Semi Synthetic Outboard 2 Stroke Oil

CLASS
API TC JASO - FC, 150-L-EGD.

Semi Synthetic Watercraft 2 Stroke Oil

CLASS
API TC JASO - FC, 150-L-EGD.



Commercial Vehicle & Auto Transmission Oils

Oil

Gear Oil

SPECIFICATIONS

API GL1
CLASS
SAE 80, 90, 140.

Gear Oil

SPECIFICATIONS

API GL4
CLASS
EP 80, 80W/90, 85W/140.

Gear Oil

SPECIFICATIONS

API GL5
CLASS
HD 75w/80, 75w/90,80w/90,85/140.

Gear Oil

(Limited Slip Diffs)

SPECIFICATIONS

API GL5
CLASS
LS90.

Gear Oil

(Semi Synthetic)

SPECIFICATIONS

API GL5
CLASS
SS75w/80,SS75w/85.

Gear Oil

(Synthetic)

SPECIFICATIONS

API GL5
CLASS
S75w/90,75w/85.

Transmission Fluid

SPECIFICATIONS

TO-2
CLASS
SAE 10w, 20, 30, 50.

Transmission Fluid

SPECIFICATIONS

TO-4
CLASS
SAE 10w, 30, 50.

ATF DII

SPECIFICATIONS

Dexron IID.

ATF DIII

SPECIFICATIONS

Dexron IIID.

Transmission No 6

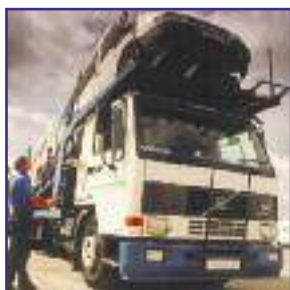
SPECIFICATIONS

GL-4
CLASS
Combined Transmission/Hydraulics.

Transmission No 8

SPECIFICATIONS

GL-5
CLASS
Rear Axle & Wet Brakes.



Commercial Vehicle & Auto Ancillary

Antifreeze

(Monoethylene Glycol)

BS 6580 - Concentrate.

Antifreeze

(Propylene Glycol)

BS 6580 - Concentrate.

Universal Brake & Clutch

Fluid

Dot 4.

Parts Degreaser

Self Emulsifying.

Traffic Film Remover

Oil Patch Remover

Break & Clutch Cleaner

(Aerosols).

Degreaser

(Aerosols).

WD40

(Aerosols).

Hand Cleaner

Pre Work Lotion

Post Work Lotion



5.1

Gear Oils

Gear Oils EP

CLASS

68, 100, 150, 220, 320, 460, 680.

SPECIFICATIONS

DIN 51517 Part 3

Gear Oils PAO (Synthetic)

Class

100, 150, 220, 320, 460.

SPECIFICATIONS

DIN 51517 Part 3

Gear Oils PAG (Synthetic)

CLASS

220, 320, 460.

SPECIFICATIONS

DIN 51517 Part 3

Gear Oils Food Grade

CLASS

150, 220, 320, 460.

SPECIFICATIONS

US FDA - HI

Compressor Oils

Compressor Oils (Mineral)

CLASS

32, 46, 68, 100, 150.

SPECIFICATIONS

DIN 51506 VDL

Long Drain Compressor Oils (Synthetic)

CLASS

32, 46, 68, 100, 150, 320.

SPECIFICATIONS

DIN 51506/3

Food Grade Synthetic

Compressor Oils

CLASS

32, 46, 68, 100.

SPECIFICATIONS

US FDA - HI DIN 51506/6

Slideway Oils

Slideway Oils (Mineral)

CLASS

32, 46, 68, 100, 150, 220.

SPECIFICATIONS

Cincinnati Milacron

P47, P50, P53

Slideway/Hydraulic Oils (Mineral)

CLASS

32, 46, 68, 100.

SPECIFICATIONS

Cincinnati Milacron

P47, P50, P53

Slideway

(Percussion Air Tools)

CLASS

32.

SPECIFICATIONS

Cincinnati Milacron

P47, P50, P53



Slideway Bio (Synthetic)

CLASS

32, 68.

SPECIFICATIONS

Cincinnati Milacron

P47, P50, P53

Heat Transfer Oils

Heat Transfer Oil (Mineral)

SPECIFICATIONS

22, 32, 46, 68.

CLASS

DIN 51522

Quench Oils

Quench Oil (Mineral)

SPECIFICATIONS

ASTM D6710-02

CLASS

22, 32.

Process

Oil/Dielectric/Spark Erosion

Hydrocarbon Oil (Mineral)

SPECIFICATIONS

US-FDA 21.

Refrigeration Oils

Refrigeration Compressor Oils (Mineral)

SPECIFICATIONS

DIN 51538-1

CLASS

15, 32, 68.

Transformer Oils

Transformer Oils (Mineral)

SPECIFICATIONS

BS 148 Type 1 & 11 IEC 296 (82)

Class 1 & 11. ASTM D 3487 Type 1.

De-Watering &

Corrosion Protection Oil

Internal Protection Oil (Mineral)

External Protection Oil (Mineral)

SPECIFICATIONS

(Creuset Loire BSG)

Mould Release Oils

Concrete Mould Release Oils (Mineral)

SPECIFICATIONS

(ISO FT 172)

Brick Mould Release Oils (Mineral)

SPECIFICATIONS

(ISO FT 172)



Industrial Oils

Metal Working Fluids

All Metal Working Fluids Conform to DIN 51521

WS 1 - Water Soluble

GP machining of ferrous & non ferrous metals

WS 2 - Water Soluble

EP machining of ferrous & non ferrous metals

WS 3 - Water Soluble

Semi-Syn. Medium duty machining & grinding

WS 4 - Water Soluble

Semi-Syn. Machining of harder metals & alloys

WS G - Water Soluble

Synthetic. Surface, cylindrical & centreless grinding.

No 1 - Neat Oil

Low viscosity. High flush & heat removal properties.

No 2 - Neat Oil

Medium viscosity. High lubricity fluid for tensile steel & yellow metal.

No 3 - Neat Oil

Medium viscosity. EP fluid for automatic machining centres.

No 4 - Neat Oil

Heavy duty for severe applications - turning gear hobbing.

No 5 - Neat Oil

Low viscosity, EP fluid for high alloys & stainless steels.

No 6 - Neat Oil

Medium viscosity, EP fluid for heavy duty turning.

No 7 - Neat Oil

Medium viscosity fluid for GP cutting and work on cuprous & aluminium alloys.

No 8 - Neat Oil

Medium viscosity EP fluid for broaching, tapping & threading.

No 9 - Neat Oil

Tapping medium. Non staining machine fluid.

No 10 - Neat Oil

Multi purpose fluid for tapping, deep drawing stamping & blanking.



5.1

Product Material Operation Matrix for the Unicut Series of Straight Oils

| Operation | Grinding | Turning | Drilling | Thread Rolling | Tapping & Threading | Gear Cutting | Broaching |
|---------------------------------|---------------------|------------|------------|----------------|---------------------|--------------|-----------|
| Material | Increasing Severity | | | | | | |
| Cuprous alloys | 1 2 3 7 | 1 2 3 7 | 1 2 3 7 | 3 7 | 3 7 | 3 7 | 3 7 |
| Aluminium Alloys | 1 2 7 | 1 2 | 1 2 | 7 | 7 | 7 | 7 |
| Carbon Steels | 1 2 3 7 | 3 4 7 | 3 4 7 | 4 | 4 7 | 4 7 | 4 |
| High Tensile & Stainless Steels | 3 4 7 | 5 6 | 4 5 6 8 | 5 6 | 5 6 8 | 5 6 8 | 5 6 8 |
| Alloy Steels | 3 4 7 | 4 5 6 | 4 5 6 7 | 4 5 6 | 5 6 8 | 5 6 8 | 5 6 8 |

| Product | KC@40°C | Activity | Additive Type |
|----------|---------|----------|--------------------------------|
| Unicut 1 | 4.00 | Inactive | Fatty mineral oil |
| Unicut 2 | 18.30 | Inactive | Fatty mineral oil |
| Unicut 3 | 18.00 | Inactive | Chloro-fatty oil |
| Unicut 4 | 36.50 | Active | Sulphur-chloro-fatty oil |
| Unicut 5 | 14.70 | Active | Sulphur-chloro-fatty oil |
| Unicut 6 | 22.00 | Active | Sulphur-chloro-fatty oil |
| Unicut 7 | 33.50 | Inactive | Inactive sulphurised fatty oil |
| Unicut 8 | 17.00 | Inactive | Chloro-fatty oil |

Special Requirements

Grinding

Honing oils blended to ISO VG 5, 10. Thread grinding oils blended to ISO VG 32, 46.

Drilling

Deep hole drilling, deep hole boring, trepanning and counter boring utilize ISO VG 10 oils.

Broaching

ISO VG 10, 2 Horizontal internal broaching requires a higher viscosity; more active than vertical broaching.

Super Universal Tractor Oil Engine / Transmission / Hydraulic (SUTO)(mineral)

CLASS

SAE 15w/30

SPECIFICATIONS

API CF/SF Engine.

SPECIFICATIONS

API GL4 Transmission.

Ultraplant Engine / Transmission / Hydraulic (mineral)

CLASS

SAE 10w/30

SPECIFICATIONS

API CF-4/SG Engine Oil.

API GLS Transmissing Oil.

Universal Tractor/Transmission Oil (UTTO) (mineral)

CLASS

SAE 20w/30

SPECIFICATIONS

API CE/SD Engine.

Diesel Engine Oil (mineral)

CLASS

SAE 15w/40

SPECIFICATIONS

API CH4/SL ACEA E5.

Diesel Engine Oil

CLASS

SAE 15w/40

SPECIFICATIONS

API CH4/SJ ACEA E3.

Transmission No 6 (combined Transmission / Hydraulic)

SPECIFICATIONS

API GL4.

Transmission No 8 (combined Transmission / Hydraulic) Rear Axle / Wet Brake

SPECIFICATIONS

API GL5.

Transmission Oil Universal (combined Transmission/Hydraulic)

SPECIFICATIONS

API GL4.

Power Steering Fluid

CLASS

Dextron IID.



Power Harrow Fluid

CLASS

EPIlithium NLG1 000.

Biodegradable Hydraulic Oil

CLASS

ISO VG46 (Synthetic Ester).

Teleporter Hydraulic Fluid

CLASS

ISO VG46 VHVI - DIN 51524 Part 3.

Horticultural Engine Oil (4 Stroke Oil)

CLASS

SAE 30

SPECIFICATIONS

API CC/SF.

Horticultural Engine Oil (4 Stroke Oil)

CLASS

SAE 10w/40

SPECIFICATIONS

API CF-4/SG.

Two Stroke Oil

SPECIFICATIONS

API-TC, TC+.

Chainsaw Oil

Class

ISO VG 220

Biodegradable Chainsaw Oil (CEC-L-33-T-93)

Class

ISO VG 68,100,220.

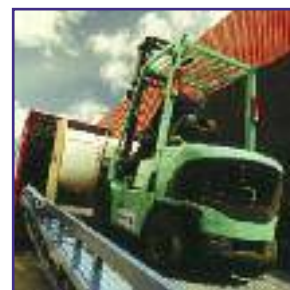
SPECIFICATIONS

ISO 6743/0 Category Y.

Milking Machine Oil (Non Additive - Mineral Oil)

Class

ISO VG 100



Greases

SPECIFICATIONS

All greases to DIN 51802, 51807-1 and 51825



Lithium Based

SPECIFICATIONS

NLG1 1, 2 & 3.

Lithium Based with EP Additives

SPECIFICATIONS

NLG1 000, 00, 0, 1, 2 & 3.

Lithium Complex EP

SPECIFICATIONS

NLG1 2.

Lithium & Molybdenum Disulphide

SPECIFICATIONS

NLG1 2.

Calcium Graphite

SPECIFICATIONS

NLG1 2.



Copper Anti-Seize

SPECIFICATIONS

NLG1 1.5.

Food Grade Grease

SPECIFICATIONS

US FDA H-1 NLG1 2.

Silicon Grease

SPECIFICATIONS

NLG1 2.5.

Bio Grease (Synthetic)

SPECIFICATIONS

NLG1 2.