AUTOMOTIVE LUBRICANTS
TOTAL Lubricants range for passenger cars, vans & 4WD

Energizing performance. Every day
TOTAL’S AUTOMOTIVE PASSION

TOTAL is one of the world’s largest lubricant manufacturers, with operations in more than 130 countries.

Total Oil Australia is the Lubricants Division of Total in Australia. With a national Distributor network and warehousing in all capital cities; Total Oil Australia pride ourselves on our distribution capabilities, expert knowledge of the industry and our innovative lubricant products which are developed and tested in state-of-the-art research facilities and in close cooperation with major automotive manufacturers around the world.

With over 100 years experience producing lubricants and a pedigree of success in the high demands of motorsport, Total understands the importance of quality, high performing, efficient and technologically advanced lubricants. The results are extended reliability, better performance and improved economy across a wide variety of automotive applications including petrol, Diesel and gas powered vehicles.

From engine and transmission oils, to coolants, greases and other ancillary products, Total Oil Australia’s range of automotive lubricants will keep your car performing at its optimum for longer.

Keep your engine younger for longer with TOTAL QUARTZ automotive lubricants

The products of the TOTAL QUARTZ range are used by close to 200 million cars in 150 countries and more than 5,000 people work in the Lubricants development teams. In the past years, Total research teams worked to develop the Age Resistance Technology (ART) that now benefits the premium lubricants of the TOTAL QUARTZ range.
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LOW SAPS SYNTHETIC OILS

QUARTZ INEO C1
5W-30
ACEA C1

APPROVALS
JAGUAR LAND ROVER STJLR.03.5005
MEETS THE REQUIREMENT
FORD: WSS-M2C934-B

benefits
LOW SAPS SYNTHETIC OIL
Top Performance Motor Oil
 Recommended for both petrol & Diesel engines conforming to Euro IV & V emission reduction
 Specifically adapted to Ford, Land Rover & Jaguar requirements
 Increased oil drain intervals up to 30,000kms

QUARTZ CLASSIC C4
5W-30
ACEA C4

APPROVALS
MERCEDES-BENZ: MB-APPROVAL 229.51 (BACKWARD COMPATIBLE 229.31) (5W-40 GRADE ONLY)
BMW LL-04
VOLKSWAGEN VW 502.00/505.01
PORSCHE: A40 (5W-40 GRADE ONLY)
Official Dexos2™
MEETS THE REQUIREMENTS
CHRYSLER MS-11106
FORD: WSS-M2C917-A
FIAT 9.55535-S2
HYUNDAI-KIA (5W-30 GRADE ONLY)

benefits
LOW SAPS SYNTHETIC OIL
Top Performance Motor Oil
 Suitable for all Petrol and Diesel engines, including the most recent, which comply with Euro V polluting emissions reduction norms in particular.
 Pollution-control engine oil provides engines with the best possible protection against wear and clogging.
 Formulated to protect anti-pollution systems such as particulate filter and three-way catalysts.
 Satisfies the most demanding manufacturer service plans by permitting extra-long oil change intervals.

QUARTZ INEO LONG LIFE
5W-30
ACEA C3

APPROVALS
VOLKSWAGEN VW 504.00/507.00
BMW LL-04
MB- 229.51 (BACKWARDS COMPATIBLE MB 229.31)
PORSCHE C30

benefits
LOW SAPS SYNTHETIC OIL
Top Performance Motor Oil
 Recommended for both petrol & Diesel engines conforming to Euro IV & V emission reduction
 Specifically adapted to Ford, Land Rover & Jaguar requirements
 Increased oil drain intervals up to 30,000kms

QUARTZ INEO MC3
5W-30 / 5W-40
ACEA C3
API SN/CF

APPROVALS
MERCEDES-BENZ: MB-APPROVAL 229.52 (BACKWARDS COMPATIBLE MB 229.51/229.31) (5W-30 GRADE ONLY)
CHRYSLER MS-11106
FORD WSS-M2C 917-A (5W-40 GRADE ONLY)
FIAT 9.55535-S2 (5W-40 GRADE ONLY)

benefits
LOW SAPS SYNTHETIC OIL
Top Performance Motor Oil
 This Low SAPS engine oil meets the requirements of vehicles manufactured by BMW, Mercedes-Benz, VW, and General Motors
 Optimization of the anti-pollution systems, especially the DPF
 Extended lifespan of the DPF
 Superior wear protection and engine cleanliness
 Outstanding oxidation performance
FULLY SYNTHETIC OILS

QUARTZ 9000 ENERGY

0W-30

APPROVALS

VW 502.00/505.00
VOLVO VCC 95290056

FULLY-SYNTHETIC Top Performance Motor Oil

- Excellent oxidation resistance allows for increased drain intervals
- Advanced detergent and dispersant additives to improve engine protection, cleanliness and performance
- Superior fluidity properties resulting in less oil friction allow optimised fuel economy

APPROVALS

ACEA A3/B4
API SN/CF

QUARTZ 9000 ENERGY

5W-40

APPROVALS

BMW LL-01
MERCEDES-BENZ MB-APPROVAL 229.5
PORSCHE A40

FULLY-SYNTHETIC Top Performance Motor Oil

- Fully adapted technology to handle all driving styles including everyday city, highway, high speed & demanding conditions
- Outstanding thermal stability and oxidation resistance extends engine life
- Specifically designed to meet OEM requirements for longer intervals between oil changes

APPROVALS

VOLVO VCC 9020056

QUARTZ 9000 FUTURE

0W-20

APPROVALS

BACKWARDS COMPATIBLE
API SM, SL, SJ
BACKWARDS COMPATIBLE
ILSAC GF-5, GF-3

MEETS THE REQUIREMENTS

HONDA
MITSUBISHI
TOYOTA

FULLY-SYNTHETIC Top Performance Motor Oil

- Significant reduction in fuel consumption, due to oil meeting all performance levels claims by OEMs in relation to environmental standards
- The 0W20 viscosity grade together with special additives makes cold engine start up easier
- Low phosphorus content results in lower pollution emissions like NOx, CO & Fuel particulates levels

APPROVALS

API SN, ILSAC GF-4

QUARTZ 9000 FUTURE GF5

5W-30

APPROVALS

BACKWARDS COMPATIBLE
API SM, SL, SJ
BACKWARDS COMPATIBLE
ILSAC GF-4, GF-5

FULLY-SYNTHETIC Top Performance Motor Oil

- Improved Fuel Economy
- Excellent start-up performance, prevents sludge build-up and controls oxidation
- Optimum power & performance under most severe driving conditions
- Enhanced emission control systems compatibility
- Improved high temperature deposit protection for pistons and turbochargers

APPROVALS

API SN/CF
ILSAC GF-5
FULLY SYNTHETIC OILS

QUARTZ 9000 FUTURE NFC

5W-30

ACEA A5/B5, API SL/CL

SPECIFICATIONS
FULL-SYNTHETIC Top Performance Motor Oil

- Specifically designed to meet Ford requirements
- Proven fuel savings of up to 3%
- Exceptional oxidation resistance ensuring extended drain intervals

APPROVALS
FORD WSS-M2C-913D & C (BACKWARDS COMPATIBLE TO 913B)
JAGUAR LAND ROVER STJLR.03.5003

MEETS THE REQUIREMENTS
VOLVO

QUARTZ RACING SN

10W-60

API SN

SPECIFICATIONS
FULL-SYNTHETIC Top Performance Motor Oil

- Optimised performance ensuring engine cleanliness & wear protection
- Excellent thermal & oxidation stability
- Specially selected additives to lengthen engine life
- Exceptional viscosity index due to 100% synthetic formulation
- Compatibility with wide range of seal materials

APPROVALS
BACKWARD COMPATIBLE API SM, SL, SJ

APPROVALS
BACKWARD COMPATIBLE API SM, SL, SJ
FULLY SYNTHETIC OILS

QUARTZ 9000

5W-40

API SN/CF
ACEA A3/B4

FULLY-SYNTHETIC
Top Performance Motor Oil

- Ensures outstanding engine longevity
- Designed for extra long intervals between oil changes
- Develops performance and power
- Facilitates ignition in very cold weather and maintains protection of the parts even at high temperature
- Designed for the highest-performing petrol and Diesel engine technologies without DPF.

BACKWARD COMPATIBLE API SM, SL, SJ

APPROVALS
PSA PEUGEOT CITROEN B71 2296
VOLKSWAGEN VW 502.00/505.00
BMW LL-01
MB-APPROVAL 229.3
PORSCHE A40

QUARTZ 9000 5W-40 PERFORMANCES

ENGINE CLEANLINESS TEST

<table>
<thead>
<tr>
<th>QUARTZ 9000 5W-40</th>
<th>ACEA 2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>68</td>
<td>65</td>
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</table>

Required value defined by the ACEA

WEAR TEST

<table>
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<tr>
<th>QUARTZ 9000 5W-40</th>
<th>ACEA 2010</th>
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</thead>
<tbody>
<tr>
<td>41</td>
<td>120</td>
</tr>
</tbody>
</table>

Maximum value defined by the ACEA

IMPROVED ENGINE CLEANLINESS
TOTAL QUARTZ 9000 5W-40 enhances the engine cleanliness maintaining initial engine performance

STRONGER PROTECTION AGAINST WEAR
TOTAL QUARTZ 9000 5W-40 protects the most fragile engine parts against all types of wear
**QUARTZ 7000 FUTURE GF5**

5W-30 & 10W-30

**APPROVALS**
- BACKWARD COMPATIBLE API SL, SJ
- BACKWARD COMPATIBLE ILSAC GF-4, GF-3.

**benefits**
- SYNTHETIC-BASED OIL
- Premium Performance Motor Oil
- Fuel saving
- Excellent start-up performance
- Optimum power and performance under most severe driving conditions

**QUARTZ 7000**

10W40

**APPROVALS**
- PSA PEUGEOT CITROEN PSA B71 2294 & B71 2300
- VOLKSWAGEN VW 501.01/505.00, MERCEDES-BENZ MB 229.1

**benefits**
- SYNTHETIC-BASED OIL
- Premium Performance Motor Oil
- Unique formulation providing specific resistance to oxidation
- Special discrepancy properties to ensure engine cleanliness
- Long term wear protection to increase engine life

**QUARTZ 7000 SN**

10W-40, 15W-50

**APPROVALS**
- BACKWARD COMPATIBLE API SL, SJ

**benefits**
- SYNTHETIC-BASED OIL
- Premium Performance Motor Oil
- Improves engine performances
- Outstanding protection against wear
- Enhances cleanliness of the engine
MINERAL OILS

QUARTZ 5000 FUTURE GF5

10W-30
API SN & ILSAC GF-5

Benefits

- Premium Multi-grade Motor Oil
  - Formulated with mineral base oils to provide high oxidation stability
  - The formulas meet the low volatility requirements of ILSAC GF-5 for improving engine cleanliness and reducing oil consumption
  - Protection of three way catalyst thanks to reduced contents of phosphorus in the lubricant, while other standard formulations may poison post-treatment devices

APPROVALS
BACKWARD COMPATIBLE API SM, SL, SJ & ILSAC GF-4, GF-3, GF-2

QUARTZ 5000 SN

15W-40 & 20W-50
API SN/CF

Benefits

- Premium Multi-grade Motor Oil
  - Improves engine cleanliness
  - Very high antiwear and anticorrosion properties which improves engine longevity
  - Can be used in all operating conditions (city traffic, road, motorway)

APPROVALS
API SM, SL, SJ
AUTOMATIC TRANSMISSIONS

FLUIDMATIC DCT MV

**Benefits**
- Exceptional shear stability
- Outstanding friction durability
- Excellent seal compatibility
- Superior anti-shudder durability
- Excellent protection
- Innovative dual clutch transmission oil to cover 95% of the wet DCT market

**SUITABLE PERFORMANCE LEVELS**
- AUDI VW TL 052 182 / VW TL 052 529
- BMW (GETRAG) 83 22 2 148 579 / 83 22 148 579 / 83 22 0 440 214
- 84 83 22 2 147 477
- FORD M2C936A
- PEUGEOT/CITROEN 9734.S2
- MERCEDES-BENZ MB 236.21
- AND MANY MORE.

REFER TO TECHNICAL DATA SHEET FOR FULL LIST OF SUITABLE OEM APPLICATIONS

Outstanding friction durability

Total Fluidmatic DCT MV demonstrates an outstanding improvement in friction durability, meaning it continues to provide the required friction response over time allowing drain intervals to be extended.

![Graph showing the decrease of friction coefficient](chart1)

**Important decrease of the friction coefficient with competitor fluid after 50,000 km whereas the friction coefficient very stable with Total Fluidmatic DCT MV from 0 km to 100,000 km.**

**Superior anti-shudder durability**

Total Fluidmatic DCT MV demonstrated excellent friction durability by improving the comfort of the driver avoiding shudders.

![Graph showing anti-shudder performance](chart2)
AUTOMATIC TRANSMISSIONS

FLUIDMATIC CVT MV

SUITABLE PERFORMANCE LEVELS
- AUDI, VW (1, 2, 1810), 0 652 186, 0 652 186, 0 652 150, 0 652 150, 0 652 186
- BMW, MINI COOPER (B323, 0 136, 378 8502, 0 428 154 [E67], 798)
- DODGE / JEEP CVT (602 / 54 / CVTF-44-
- MOTOR CVT 46
- GAIASUREN (3X-CVT/VT/VT-GREEN*)
- HYUNDAI GENUINE CVTF
- MITSUBISHI CVTF, CVT/CF (SAQUEIN JV JI
- SAQUEIN J-4 CTMP BI
- NISSAN R50, R20, R52, R-K, R 02
- SUZUKI TC / ND-2 / CVT GREEN 1 / CVTF
- GREEN 2/CTVF 5222
- TOYOTA GREEN CT
- CVT V1
- AND MANY MORE.

REFER TO TECHNICAL DATA SHEET FOR FULL LIST OF SUITABLE OEM APPLICATIONS

benefits
- Multi-purpose CVT fluid for almost all the belt and chain CVTs available in the market
- Outstanding metal-to-metal friction performances
- Superior wear protection
- Innovate Dual Clutch transmission oil to cover 95% of the wet DCT market

FLUIDMATIC MV

SUITABLE PERFORMANCE LEVELS
- GAZOO RUSH 1.5CVT, 0602 186, 0 652 186, 0 652 186, 0 652 186, 0 652 186
- TOYOTA CH>V (230, 335/781/605)
- TOYOTA D-I / G / T / T-III / T-IV
- NISSAN MARCH D, J, X, XE, XE
- HYUNDAI / KIA, LT-4 RED (1), GENUINE ATF
- JWS-2430/1, LMD-04/24/90 RED-1, 1-SP-III
- MAZDA F-1, MZ1/02, M 04 (VT-2-9602)
- MAZDA 6, TYPE 5 / IV
- HONDA AT-1
- AND MANY MORE.

REFER TO TECHNICAL DATA SHEET FOR FULL LIST OF SUITABLE OEM APPLICATIONS

benefits
- Multi-purpose Automatic Transmission Fluid for 4 & 5 speed automatic transmissions
- Excellent Smooth shift action
- Can also be use as a power steering fluid for passenger cars requiring Dexron III performances

FLUIDMATIC MV LV

SUITABLE PERFORMANCE LEVELS
- AUDI, HONDA, MERCEDES/ DAIMLER MB-APPROVAL
- GM DEXRON® II/IID/IIE/IIIG/IIIH
- FORD MERCON®, MERCON® V
- MERCEDES/ DAIMLER 236.3/5/6/7/8/9, 236.10/11/91
- TOYOTA D-II / T / T-III / T-IV
- NISSAN MATIC D, J, K, W, 402
- HYUNDAI / KIA, GENUINE CVTF
- JWS-3309 T-4, UM040 CH20 RED-1, SP-II/III
- MAZDA F1, JWS/3317, M-5 (XT-9-QMM5), M-III, TYPE T-IV
- HONDA ATF Z1
- JASO 1A
- AND MANY MORE.

REFER TO TECHNICAL DATA SHEET FOR FULL LIST OF SUITABLE OEM APPLICATIONS

benefits
- Multi-purpose Low Viscosity Automatic Transmission Fluid for the latest generation of 6-speed automatic transmissions
- Exceptional friction and anti-shudder performances
- Provides Fuel Economy benefits

FLUIDMATIC IIIG

SUITABLE PERFORMANCE LEVELS
- GM DEXRON III
- FORD MERCON II
- TOYOTA / LEXUS / SCION TYPE WS (JWS 3324)
- ZF CVT V1
- AND MANY MORE.

REFER TO TECHNICAL DATA SHEET FOR FULL LIST OF SUITABLE OEM APPLICATIONS

benefits
- Standard drain interval fluid for automatic transmissions fitted in a variety of heavy duty and passenger car applications
- Power steering fluid for heavy duty and passenger cars
**MANUAL TRANSMISSIONS**

**TRANSMISSION DUAL 9 FE**

**75W-90**

API GL-4, GL-5, MT-1

**BENEFITS**

- Reduced fuel consumption
- Reduced cost of maintenance
- Suitable for multi-brand fleet customers
- Excellent protection of axles and manual gearboxes
- Improved driver start up experience
- Excellent stability in operation
- High compatibility with oil filters
- Supports rationalisation of products

**APPROVALS**

DAF (FIRST FILL)
MB-APPROVAL 225.8
MAN 341 TYPE E3, Z2
MAN S42 TYPE M3
SCANIA STO 1.0
VIASYS 97312
2F FE-M, C6, D12, 12L, 12N, 16L, 17B, 19C, 21B
SALFED (2002)

**TRANSMISSION AXLE 8 FE**

**75W-140**

API GL-5

**BENEFITS**

- Reduced fuel consumption
- Improved corrosion protection of axles due to EP additives
- Improved operational stability due to high viscosity index
- Antifoam properties allow for good compatibility with oil filters

**APPROVALS**

SCANIA STO 1.0

**TRANSMISSION DUAL 9 FE PERFORMANCES**

**Optimized efficiency of axle**

Transmission DUAL 9 FE 75W-90 helps to significantly improve axle efficiency and contributes towards noticeable fuel savings, particularly in city operation.

**Protection of bearings**

Transmission DUAL 9 FE 75W-90 helps to reduce friction and thus increases the protection of bearings.
MANUAL TRANSMISSIONS

TRANSMISSION GEAR 8

75W-80
API GL-4

Specifically recommended for PSA manual
gearboxes with extended drain intervals (up to
250,000km)

- High Extreme-Pressure properties
- Excellent stability in service
- Excellent wear reducing properties, anticorrosion and
antirust properties
- The gear shifts are easy at cold temperatures as well
as high temperatures

APPROVALS
PSA B 71 2330

TRANSMISSION AXLE 8

75W-90
API GL-5

- High viscosity index providing a good
lubrication and allowing easy gear changes at
low as well as high temperatures
- Very high Extreme-Pressure properties
- Contributes to protect mechanical parts and improve
drivability
- Semi-synthetic based technology

DIFFERENTIALS

DIFFERENTIALS

TRANSTEC 5

80W-90 & 85W-140
API GL-5

Specifically designed for highly loaded
hypoid gears, with standard drain interval

- Very high extreme-pressure properties for
optimal protection against scruffing
- High level of antiwear, anticorrosion & antirust
protection

DYNATRANS DA

85W-90 & 85W-140
API GL-5 Limited slip

Specially adapted for self-locking axles
equipped with Limited Slip Differentials (LSD)

- Specific friction properties
- Excellent oxidation resistance, antiwear, antifoam &
antirust properties

APPROVALS
ZF TE-ML 05C, 12C & 16E
(85W140 ONLY)

AP-TE-ML-05C, 12C & 16E
(85W140 ONLY)
MULTIS COMPLEX EP 2

**Benefits**

- Designed for the lubrication of various applications in all types of operating conditions, but particularly where the operation temperature is high and the use of conventional lithium greases is limited.
- MULTIS COMPLEX EP2 is a true multi purpose grease, formulated for lubrication of loaded slide, ball, and roller-bearings, wheel bearings, universal joints, chassis, and various shock loaded or vibrating applications in transport, agriculture and off road vehicles.
- Forms a lubricating film which is durable, and resistant to humidity, temperature variations and pollution, and hence reduces maintenance and costs.

HBF 3

**Benefits**

- Synthetic DOT3 Brake Fluid
- Recommended for brake and clutch systems of all vehicles using synthetic fluids when a DOT 4 level or higher is not required.

DOT 4

**Benefits**

- Synthetic DOT4 Brake Fluid
- High Performance polyglycol synthetic brake fluid conforming to DOT 4 requirements.
COOLANT

COOLTECH LLO

**SPECIFICATIONS:**
ASTM D 3306 (EG)
ASTM D 6210 (EG)
AS 2108.1:2004 TYPE A,
JASS M 324, SAE J 1034

**benefits**
- Premium quality, organic, long life anti boil/anti freeze coolant
- Based on carboxylate technology and contains no silicates, phosphates, nitrates, nitrites or amines for automotive and heavy duty Diesel engines.
- Available in concentrate and pre-mix.

**CONCENTRATE & PREMIX**

FLUIDE DA

**SPECIFICATIONS:**
PSA B71 2710,
MAN 3289,
RENAULT PSF CLASS 1

**benefits**
- Synthetic orange fluid
- Developed for the electro-hydraulic power steering systems of Peugeot, Citroen & Renault

SPECIALTY FLUIDS

FLUIDE LDS

**SPECIFICATIONS:**
PSA B71 2710

**benefits**
- Orange Synthetic Hydraulic Fluid
- Designed for Citroen cars equipped with HYDRAactive 3

LHM PLUS

**SPECIFICATIONS:**
PSA B71 2710

**benefits**
- Green Mineral Hydraulic Fluid
- Designed for Citroen vehicles

CONCENTRATE & PREMIX

COOLTECH LLO

SYNTHETIC ORANGE FLUID

DEVELOPED FOR THE ELECTRO-HYDRAULIC POWER STEERING SYSTEMS OF PEUGEOT, CITROEN & RENAULT

SPECIFICATIONS:
- PSA B71 2710
- MAN 3289
- RENAULT PSF CLASS 1

**benefits**
- Premium quality, organic, long life anti boil/anti freeze coolant
- Based on carboxylate technology and contains no silicates, phosphates, nitrates, nitrites or amines for automotive and heavy duty Diesel engines.
- Available in concentrate and pre-mix.

FLUIDE DA

SYNTHETIC ORANGE FLUID

DEVELOPED FOR THE ELECTRO-HYDRAULIC POWER STEERING SYSTEMS OF PEUGEOT, CITROEN & RENAULT

SPECIFICATIONS:
- PSA B71 2710
- MAN 3289
- RENAULT PSF CLASS 1

**benefits**
- Premium quality, organic, long life anti boil/anti freeze coolant
- Based on carboxylate technology and contains no silicates, phosphates, nitrates, nitrites or amines for automotive and heavy duty Diesel engines.
- Available in concentrate and pre-mix.

FLUIDE LDS

ORANGE SYNTHETIC HYDRAULIC FLUID

DESIGNED FOR CITROEN CARS EQUIPPED WITH HYDRAACTIVE 3

SPECIFICATIONS:
- PSA B71 2710

**benefits**
- Orange Synthetic Hydraulic Fluid
- Designed for Citroen cars equipped with HYDRAactive 3

LHM PLUS

GREEN MINERAL HYDRAULIC FLUID

DESIGNED FOR CITROEN VEHICLES

SPECIFICATIONS:
- PSA B71 2710
A major player
With our production, supply chain and commercial presence in more than 150 countries, we deliver a full range of lubricants.

Support and partnership
Thanks to local technical presence, we provide a high level of service to optimize your total cost of Ownership.

References & OEMs
Total Lubricants cooperates with equipment manufacturers to create high-technology products for optimal performance and protection of your machinery.

5 good reasons for choosing TOTAL

Quality and environment
Total Lubricants ISO 9001 certification is the guarantee of a long term commitment to quality. From the initial design stage, our R&D teams seek to develop products that minimize toxicity risks and environmental impact.

Innovation & Research
Total invests in biotechnologies to find the most suitable components to reach energy efficiency through formulations designed in our Research Centers.

Safety Data Sheets are available at www.totaloil.com.au