

DISCLAIMER

*This is an indicative mileage, which is dependent on various factors such as engine condition, vehicle condition, vehicle maintenance habits, city or freeway driving, road conditions, load conditions, ambient temperature, air quality, quality of fuel, driving skills, type of filters being used, vehicle mileage, etc. In addition to this guide, please refer to your Original Equipment Manufacturer (OEM) manual for selection of right oil.



Every Journey Begins Here

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LUBRICANTS POCKET GUIDE

WHY CHOOSE PSO LUBRICANTS?

Blended with an additive package, imported from renowned international manufacturers.

Conformance to international standards.

Blended at a state-of-the-art, fully automatic blending plant.

Technology based anti-counterfeit solution for product verification.



- Lubricants Security Feature available on all retail sized PSO lubricant packs.
- Genuineness of the product confirmed by sending the 16-digit code present on the back of pack to 5454.



PSO LUBRICANT TECHNOLOGIES

DPTICORE

P3+

Performance, Power & Protection.



OPTICORE TECHNOLOGY

Exceeds the lubrication requirements of all moving parts of an engine from the core as an environment-friendly lubricant.



OXIDATION RESISTANCE TECHNOLOGY

Resists oxidation, viscosity loss and aeration under the most severe operating conditions to improve oil drain interval.



Three-dimensional feature provides benefits in terms of engine durability, clutch performance and gear protection.



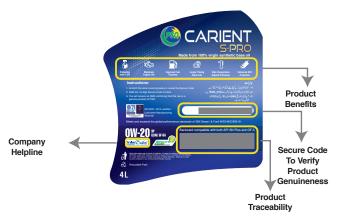


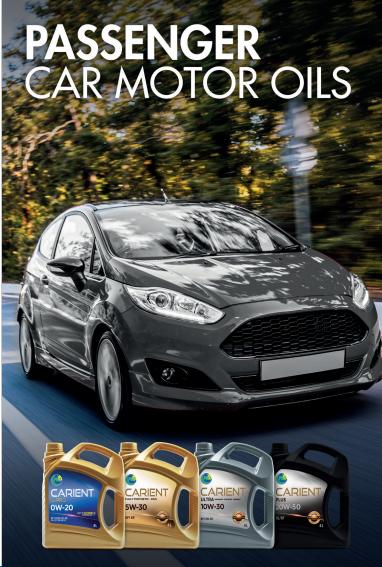
AI FORMULA

Protects the engine by forming a protective layer on engine components even when the engine is off, thus reducing the risk of engine wear and tear.

KEY CHARACTERISTICS OF CONSUMER LUBRICANTS







CARIENT S-PRO OPTICORE TECHNOLOGY

BENEFITS:

- 20%¹ improved protection against Low-Speed Pre-Ignition (LSPI).
- Enhanced protection of timing chain by 20%² and valve train by 30%³ against wear, thus giving extended chain and valve train life.
- Outstanding protection against piston deposits operating under high temperature to ensure cleanliness of parts, thus enhancing engine service life.
- 20%⁴ improved fuel economy as compared to higher viscosity oils and ILSAC GF-6A standard.



CARIENT FULLY SYNTHETIC

UNIFORM MOLECULAR TECHNOLOGY

BENEFITS:

API: SN

SAE: 5W-30

Pack Size: 1.3 & 4 Litres

*Mileage: Up to 12,000 km

- Uniform molecular technology minimizes oil consumption, reducing deposits on engine components to maintain fuel economy and a cleaner environment.
- PAO synthetic base oil maintains oil fluidity over a vast temperature range allowing easy start-up and maximum engine protection.
- · Outstanding shear stability and high viscosity index extend service life of oil.
- Protects engine over a wide temperature range, ensuring less engine downtime, enhancing fuel economy and engine efficiency at lower oil temperatures.



(1) Compared to SP limits as measured in the Ford sequence IX. I (2) Compared to SP limits as measured in the Ford sequence X.

(3) Compared to SP limits as measured in the Ford sequence IVB. I (4) Compared to SP limits as measured in the GM sequence VIE.

CARIENT ULTRA IMPROVED SYNTHETIC FORMULA

BENEFITS:

- Outstanding strength of protective oil film at extreme temperatures and load conditions reducing friction between moving parts, thus enhancing fuel efficiency.
- · Good thermal and oxidation stability gives extended oil drain interval.
- High detergency and excellent dispersion control keeps engine components clean, removes contaminants and ensures enhanced engine service life.
- Excellent corrosion protection properties provide resistance against rust and extends engine service life.

CARIENT ULTRA IMPROVED SYNTHETIC FORMILLA 10W-30 API SN-RC 4L

CARIENT PLUS

BENEFITS:

API: SL/CF

SAE: 20W-50

Pack Sizes: 1, 3 & 4 Litres

*Mileage: Up to 5,000 km

- Extra engine cleanliness enhances service life of the engine parts.
- Superior protection against wear and tear at high temperatures.
- · Suitable for extreme weather conditions.
- Improved high-temperature oxidation control gives longer drain interval.
- · Outstanding protection against rust and corrosion.



API: SN-RC

SAE:10W-30

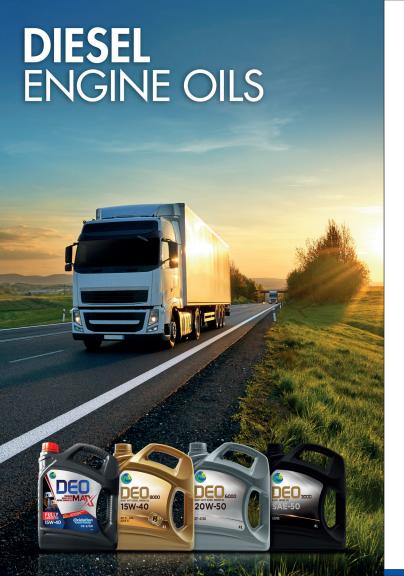
Pack Sizes: 1, 3 & 4 Litres

*Mileage: Up to 8,000 km

PETROL ENGINE OILS

API	SAE		Shell	Chevron
	0W-20	CARIENT S-PRO		HAVOLINE PRODS FULLY SYNTHETIC ECO
	0W-30			
	0W-40			
SP	5W-20			
	5W-30	CARIENT S-PRO	HELIX HX7 PLUS	HAVOLINE PRODS FULLY SYNTHETIC ECO
	5W-40		HELIX HX7 PLUS	HAVOLINE PRODS FULLY SYNTHETIC ECO
	5W-50			
	10W-40			
	0W-20		HELIX ULTRA	
	5W-20		HELIX ULTRA	
	5W-30	CARIENT FULLY SYNTHETIC		
SN	5W-40		HELIX ULTRA	
	10W-30	CARIENT ULTRA		HAVOLINE FORMULA
	10W-40			
	20W-50			
SL/CF	10W-40			HAVOLINE MOTOR OIL EXTRA
0001	20W-50	CARIENT PLUS	HELIX HX3	HAVOLINE MOTOR OIL (SG/CD)
SG/CD	20W-50	CARIENT CNG PLUS		HAVOLINE CNG (SM)

Mobil	TOTAL	ZIC	(a) Castrol
MOBIL 1	QUARTZ FUTURE GF-6	ZIC X7 FE	
		ZIC X7 FE	
MOBIL 1	QUARTZ 9000 ENERGY	ZIC TOP	
		ZIC X7 FE	
MOBIL 1/ MOBIL SUPER FRICTION FIGHTER	QUARTZ FUTURE GF-6		MAGNATEC
	QUARTZ 9000	ZIC X9	
MOBIL1			
MOBIL SUPER FRICTION FIGHTER			MAGNATEC
	QUARTZ 9000 FUTURE GF-5		
MOBIL SUPER SYNTHETIC	QUARTZ 9000 FUTURE GF-5		MAGNATEC/MAGNATEC FUEL SAVER
MOBIL SUPER 1000			
	QUARTZ 5000		
		ZIC X5	
MOBIL SPECIAL (SG/CD)	QUARTZ 3000(SG)	ZIC X1 (SG)	GTX / GTX ESSENTIAL (SG/CD)
	QUARTZ 3000 GAS		



DEO MAXOXIDATION RESISTANCE TECHNOLOGY

BENEFITS:

- Up to 60% improved performance against oxidation in the most severe conditions to improve oil drain interval.
- Excellent detergency to control deposits on engine parts to keep the engine clean for enhanced engine life.
- Low-SAPS additive technology enhances the life of exhaust emission system to ensure reduced emissions in environment.
- It can be used in diesel engines where API CK-4/SN, CJ-4, CI-4 Plus, CI-4 and CH-4 are recommended.

API:CK-4/SN, ACEA:E9, E7

SAE: 15W-40

Pack Sizes: 4 & 10 Litres

*Mileage: Up to 15,000 km



DEO 8000PROTECTION, POWER, PERFORMANCE (P3+)

BENEFITS:

- Excellent detergency to control deposits on engine parts to maintain power and performance over a longer oil drain interval.
- Superior anti-wear characteristics of the additive system give outstanding protection against wear of engine components.
- The outstanding antioxidant property resists sludge formation, maintains oil viscosity over a longer period of time and gives additional life to oil.
- Very effective detergent keeps insoluble contaminants suspended in the oil and enhances engine life.



API: CI-4/SL, ACEA: E7

SAE: 15W-40

Pack Sizes: 1, 4 & 10 Litres

*Mileage: Up to 10,000 km

DEO 6000

BENEFITS:

- · Excellent control on engine deposits ensures maximum engine power.
- High oxidation stability prohibits sludge thickening and maintains oil viscosity, thus enhancing oil drain interval.
- Special ash-less dispersant ensures high-quality cleanliness of engine parts which enhances engine life.
- Advance anti-wear additive system provides consistent lubrication and protects engine from wear.



API: CF-4/SG

SAE: 20W-50

Pack Sizes: 1, 4 & 10 Litres

*Mileage: Up to 6,000 km

DEO 3000

BENEFITS:

- · Recommended for diesel engines operating in tough conditions.
- · Oil keeps the engine clean to ensure longer engine service life.
- · Protects against soot, varnish and sludge formation.
- Improved protection against high temperature.

DEO 3000 SAE-40 CD/SE

API: CD/SE

SAE: 40 & 50

Pack Sizes: 4 & 10 Litres

*Mileage: Up to 3,000 km

DIESELUBE

BENEFITS:

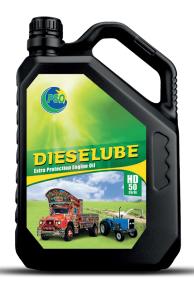
- Effective control of engine wear and deposits on engine parts to keep engine clean.
- · Economical product with good all-round performance.
- · Highly suitable for agricultural and off-road vehicles.
- · Protects against rust and corrosion.

API: CD/SE

SAE: 50

Pack Sizes: 4 & 10 Litres

*Mileage: Up to 2,000 km



DIESEL ENGINE OILS

API	SAE		Shell	Chevron
CK-4	15W-40	DEO MAX		
CJ-4	15W-40			DELO 400 MGX
	5W-40			
CI-4/SL	10W-40			DELO XLD MG
OI-4/OL	15W-40	DEO 8000	RIMULA R4X	DELO GOLD ULTRA
	20W-50	DEO 8000	RIMULA R4X	
CF-4/SG	15W-40	DEO 6000	RIMULA R2 EXTRA	
01-4/00	20W-50	DEO 6000	RIMULA R2 EXTRA	DELO SILVER MULTIGRADE
	15W-40			
	20W-50	DEO 5000*		
	10 W	DEO 5000*		DELO SILVER
CF/SF	20 W	DEO 5000*		
	30	DEO 5000*		DELO SILVER
	40	DEO 5000*		DELO SILVER
	50	DEO 5000*		DELO SILVER
	15W-40	DEO 3000*		
	20W-50	DEO 3000*		VALOR 300
	10 W	DEO 3000*		
CD/SE	20 W	DEO 3000*		
	30	DEO 3000		
	40	DEO 3000		
	50	DEO 3000/DIESELUBE HD	RIMULA R1	

Mobil	TOTAL	ZIC	©Castrol
DELVAC 1			
		ZIC X7000	
DELVAC MX(CI-4/SJ)	RUBIA TIR 7400	ZIC X7000	CRB TURBO
DELVAC MX(CI-4/SJ)	RUBIA TIR 7400	ZIC X7000	
DELVAC SUPER	RUBIA FLEET HD 300	ZIC X 3000	CRB MULTI
	RUBIA FLEET HD 200		
	RUBIA FLEET HD 200		
			CRB MONO
DELVAC 1350			CRB MONO
MOBIL DIESEL SPECIAL			
	RUBIA FLEET HD 100		
DELVAC AK 950	RUBIA FLEET HD 100	ZIC X 1000	

* AVAILABLE IN 210L DRUM ONLY



BLAZE 4T 3D PROTECT

BENEFITS:

- Tri-facet technology gives protection against clutch slippage, engine wear and pitting in gearbox.
- · JASO MA2 provides low friction to wet-clutch for smooth gear shift.
- · Protects engine running at high temperatures.
- · Efficient detergents keep engine parts clean to increase engine life.

JASO: MA2, API: SG/CD

SAE: 20W-40, 20W-50

Pack Sizes: 0.7 & 1 Litre

*Mileage: Up to 2,000 km



2-STROKE OIL

BENEFITS:

- · Excellent thermal stability to support working at high temperature.
- · Prolonged engine service life.
- · Control of engine deposits to prevent pre-ignition.
- · Mixed at fuel to oil ratio recommended by the equipment manufacturer.

JASO: FB

ISO: L-EGB

Pack Size: 1 Litre



GENERATOR OIL

BENEFITS:

- · Instant lubrication and easy start-up.
- · Protects generator at higher operating temperatures.
- · Suitable for use in gasoline and CNG fueled generators.
- · Protects from wear and tear, rust and corrosion.

API: SG/CD

SAE: 20W-40

Pack Size: 1 Litre



GEARTEC-GEAR OIL EP GL-5

BENEFITS:

- · Meets and exceeds API GL-5 performance level.
- Multigrade oil suitable for a wide range of climatic conditions.
- Excellent load carrying capabilities.
- Gives smooth gear shift under extreme pressure.
- · Advance protection against rust and corrosion.



SAE: 80W-90, 85W-140

Pack Size: 1 & 3 Litres



TRANSMATIC - ATF

BENEFITS:

- · Maximum transmission life through high performance additive technology.
- Smooth gear shifts through balanced anti-wear and friction modifier characteristics.
- Suitable for a wide range of applications which facilitates smart inventory control.
- · Equally suitable for use in power steering fluid application.

Suitable for use where DEXRON IIIH, FORD MERCON, ALLISON C4 are recommended.



MOTORCYCLE OILS

API/ JASO	SAE	(Fig.	© Shell	Chevron
SN-JASO MA2	10W-40		ADVANCE 4T ULTRA	HAVOLINE SUPER 4T FULLY SYNTHETIC
ON UNOO WINZ	20W-50			HAVOLINE SUPER 4T
	10W-30		ADVANCE 4T AX7	
SM-JASO MA2	10W-40		ADVANCE 4T AX7	
	15W-50		ADVANCE 4T AX7	
SL-JASO MA	10W-40			
OL-JAGO WA	20W-50			
	20W-50			
SJ	20W-40			
	10W-50			
COND INCOMA	20W-40	BLAZE 4T	ADVANCE AX STAR(MA)	HAVOLINE 4T
SG/CD, JASO MA2	20W-50	BLAZE 4T	ADVANCE 4T AX3 (MA)	
JASO FB, ISO L-EGB		2-STROKE OIL	ADVANCE SX2 (SOLVENT FREE)	

TRANSMISSION FLUIDS

			© Shell	Chevron
ATF	DEXRON III H, Ford Mercon, Allison C-4	TRANSMATIC-ATF		TEXAMATIC 1888 (D III & FM)

Mobil	TOTAL	ZIC	©Castrol
MOBIL 1 RACING 4T			
		ZIC M9 4T	
MOBIL EXTRA 4T	HI-PERF 4T 700	ZIC M7 4T (MA2)	
MOBIL SUPER 4T			
MOBIL 1 RACING 4T V TWIN			
		ZIC M5 4T (MA2)	
		ZIC M5 4T (MA2)	
	HI-PERF 4T 300		ACTIV ESSENTIAL (MA)
MOBIL SPECIAL 4T (SF)	HI-PERF 4T 300	ZIC M3 4T (MA)	ACTIV ESSENTIAL (MA)

Mobil	TOTAL	ZIC	©Castrol
	FLUIDMATIC DIII MV	ZIC ATF 3 (FS)	

AUTOMOTIVE GEAR OILS

API	SAE		© Shell	Chevron
	80	GEARTEC-GEAR OIL EP*		
	90	GEARTEC-GEAR OIL EP*		
	140	GEARTEC-GEAR OIL EP*	SPIRAX S2 G	
GL-4	75W-85			
	80W-90	GEARTEC-GEAR OIL EP*	SPIRAX S2 G	HAVOLINE MTF
	85W-90			
	85W-140	GEARTEC-GEAR OIL EP*		
	90	GEARTEC-GEAR OIL EP*		DELO GEAR EP-5
GL-5	140	GEARTEC-GEAR OIL EP*		DELO GEAR EP-5
OL-3	80W-90	GEARTEC-GEAR OIL EP		DELO GEAR EP-5
	85W-140	GEARTEC-GEAR OIL EP		DELO GEAR EP-5

BRAKE FLUIDS

			© Shell	Chevron
Brake Fluid	DOT-3	HYDRAULIC BRAKE FLUID HD*		
	DOT-4	HYDRAULIC BRAKE FLUID HD*		CALTEX BRAKE & CLUTCH FLUID

Mobil	TOTAL	ZIC	(=Castrol)
MOBILUBE GX			
		ZIC F-FF	
MOBILUBE GX			
	TRANSTEC 4		
	TRANSTEC 4		
MOBILUBE HD	TRANSTEC 5	ZIC G-5	
MOBILUBE HD	TRANSTEC 5	ZIC G-5	

