



# VEHICLE INDUSTRY



**Crown Oil**  
**Fuels and Lubricants**

# COMMERCIAL ENGINE OILS

## TITANIUM E9 15w40

An ultra-high-performance diesel engine lubricant with low sulphated ash, phosphorus and sulphur content (Low-SAPS), designed for the lubrication of the latest USA EPA 2007 and EURO 5 diesel engines.

- ✔ Recommended for trucks fitted with the latest high-performance diesel engines that meet USA EPA 2007 and Euro 5 environmental requirements
- ✔ Suitable for all EPA 2007 & Euro 5 diesel engines equipped with a diesel particulate filter (DPF), selective catalytic reduction (SCR) and exhaust gas recirculation (EGR) operating on low sulphur diesel fuel (50 ppm or below) and under severe heavy-duty conditions
- ✔ Extended oil drain intervals can be applied as indicated by the OEM for high quality diesel engine oils up to 100,000 km under long-haul or 50,000 km under stop-start conditions
- ✔ Meets the requirements of major brands, IVECO, SCANIA, DAF and ISUZU

## TITANIUM SHPD 15w40

A high-performance crankcase oil designed primarily for mainstream EURO 3/4/5 heavy-duty diesel engines.

- ✔ Provides the best protection for today's long-haul vehicles operating over extended drain intervals in the most severe conditions
- ✔ Formulated from the highest quality base stocks and the most sophisticated additive packages
- ✔ Meets the most stringent demands provided by exceptional detergent/dispersant, anti-wear and anti-oxidant content coupled with high alkalinity reserve
- ✔ Excellent thermal stability prevents piston deposits forming, ensuring outstanding engine cleanliness
- ✔ A shear-stable product maximising engine protection throughout the entire extended drain interval

## TITANIUM EURO 6 10w40

Top tier fully synthetic, low-SAPS crankcase oil designed for modern EURO 6 heavy-duty diesel engines.

Specifically called for by diesel engine manufacturers running emission control devices such as Selective Catalytic Reduction (SCR), Exhaust Gas Recirculation (EGR), Diesel Particulate Filters (DPF) & Diesel Exhaust Fluids (DEF/AdBlue)

- ✔ Utilises synthetic components to improve cold start performance and increased fuel economy whilst providing outstanding engine protection over today's original equipment manufacturers extended drain intervals
- ✔ Reduced oil top-ups needed due to the better volatility properties

	TITANIUM E9 15w40	TITANIUM EURO 6 10w40	TITANIUM SHPD 15w40
VISCOSITY INDEX	136	155	140
ACEA	E9/E7	E9/E7/E6/E4	E7/A3/B4
MB	MB228.51	MB228.51/MB228.50	MB228.3
MACK	EO-O PP	EO-O PP	EO-N
RENAULT	RLD-3	RXD/RLD-3/RLD-2	RLD-2
DEUTZ DQC III-05	✔		
MAN	3575	3447/3575/3271-1	3275-1
API	CJ-4/5M	CJ-4/CH-4/CI-4	CI-4/5L
VOLVO	VDS-4	VDS-4	VDS-3
MTU	TYPE 2.1	CAT 3.1	CAT 2
CUMMINS CES 20081	✔	✔	
CAT ECF-3/ECF-2/ ECF-1A	✔		
DDC 93K218	✔		
IVECO	✔	✔	
DAF	✔	✔	

# PETROL & DIESEL ENGINE OILS

## PLATINUM LSM 5w30

Perfectly suitable for both petrol and diesel engines including those that have emission control devices such as Diesel Particulate Filters (DPF), Exhaust Gas Recirculation (EGR) and Three-Way Catalytic Converter (TWC).

- ✓ Fully synthetic technology provides outstanding engine protection in both fixed and variable long-life drain intervals
- ✓ Suitable for both petrol and diesel engines operating under mixed driving conditions including repeated start-ups and Euro V environmental standards
- ✓ Complies with the latest ACEA and API standards and meets the requirements of the most demanding vehicle manufacturers

## PLATINUM LSV 5w30

Designed to meet the most stringent requirements of both petrol and diesel engines including those that have emission control devices such as Diesel Particulate Filters (DPF), Exhaust Gas Recirculation (EGR) and Three-Way Catalytic Converter (TWC).

- ✓ Fully synthetic technology provides outstanding engine protection in both fixed and variable long-life drain intervals
- ✓ Suitable for both petrol and diesel engines operating under mixed driving conditions including Euro V requirements

## PLATINUM SS 10w40

Platinum 10w40 semi-synthetic is designed for use as a mainstream passenger car engine oil where it offers full engine protection under the most severe operating conditions.

The product is based on very stable synthetic base stocks combined with state-of-the-art additive technology, with reduced ash and phosphorous levels for improved catalyst compatibility.

## PETROL & DIESEL ENGINE OILS (CARS & VANS)

(Meets the requirements of)

	PLATINUM LSM 5w30	PLATINUM LSV 5w30	PLATINUM SS 10w40
VISCOSITY INDEX	171	169	155
ACEA	C3	C3	A3/B3/B4
MB	229.51/229.31	229.51/229.31	229.1
VW	505.01/502	504/507	
BMW LL-04	✓	✓	
API	SN/CF		CF/SL
PORCHE C30		✓	
GM DEXOS 2	✓		
FULLY SYNTHETIC LOW SAPS	✓	✓	
SEMI SYNTHETIC			✓

# AUTO TRANSMISSION OIL

## ATF DEXRON II

- ✓ A fluid for use in automatic gearboxes, torque converters and power steering systems
- Blended from highly refined base stocks and a carefully selected additive package to maximise protection against wear, oxidation, corrosion and foaming
- ✓ High viscosity index and low pour point combine to give outstanding extreme temperature performance and fluidity.

## ATF DEXRON III

- ✓ A fluid for use in automatic gearboxes, torque converters and power steering systems
- Blended from highly refined base stocks and a carefully selected additive package to maximise protection against wear, oxidation, corrosion and foaming
- ✓ High viscosity index and low pour point combine to give outstanding extreme temperature performance and fluidity



# MOTORCYCLE OILS

## CROWN TWO-STROKE OIL

- ✓ The oil is dyed blue to identify its presence in the petrol mixture
- ✓ Intended for use in both air-cooled and water-cooled two stroke engines typically used to power mopeds, scooters, lawnmowers and horticultural equipment
- ✓ Recommended dose rates are between 16 and 24 parts petrol to 1-part oil, or as otherwise specified by the engine manufacturer

## SYNTHETIC TWO-STROKE OIL (LOW SMOKE)

- ✓ A fluid for use in automatic gearboxes, torque converters and power steering systems
- ✓ Blended from highly refined base stocks and a carefully selected additive package to maximise protection against wear, oxidation, corrosion and foaming
- ✓ High viscosity index and low pour point combine to give outstanding extreme temperature performance and fluidity

# ANTIFREEZE

## LONG LIFE ANTIFREEZE (RED)

- ✓ A concentrated mono ethylene glycol with organic acid technology for use in both passenger cars and heavy-duty vehicles
- ✓ Free from nitrites, phosphates, borax, silicates and other mineral additives
- ✓ Outstanding 5-year service life achieved by corrosion inhibitors that deplete very little over time
- ✓ Excellent thermal properties provide effective engine cooling without boiling
- ✓ Improved corrosion protection against various metals/alloys
- ✓ Protection against frost when used at the correct concentration with good anti-foaming performance
- ✓ Meets most European and International standards

## ANTIFREEZE (BLUE)

- ✓ A premixed universal mono ethylene glycol with a highly sophisticated additive package and inhibitors for use in both automotive and industrial applications
- ✓ Provides enhanced corrosion protection for both aluminium and ferrous constructed engine cooling systems. Nitrite, amine and phosphate (NAP) free and includes borate and silicate
- ✓ Meets most European and International standards

# EP AUTOMOTIVE GEAR OIL

## EP AUTOMOTIVE GEAR OIL

- ✓ Recommended for automotive gear box applications that requires highest levels of GL-4 extreme pressure additives
- ✓ Intended for final-drives particularly hypoid and manual gearboxes which are subjected to high speed/torque/shock loads
- ✓ EP Gear Oil can withstand temperatures of up to 150°C unless used in worm gear applications which do not exceed 100°C

	SAE VG 90	SAE VG 140	SAE VG 80w90	SAE VG 85w140
Specific Gravity 15°C	0.905	0.905	0.895	0.904
Kinematic Viscosity 40°C	205cSt	460cSt	220cSt	460cSt
Kinematic Viscosity 100°C	16.4cSt	27.6cSt	18.5cSt	31cSt
Viscosity Index	96	95	93	96
Flash point °C	243	248	230	258
Pour Point °C	-13	-8	-26	-19

## SPECIFICATION (meets the requirements of)

- ✓ API GL-4
- ✓ MAN 342N\*



**Crown Oil**  
**Fuels and Lubricants**

**[www.crownoil.co.uk](http://www.crownoil.co.uk)**  
**0330 123 1444**

**Red Diesel | DERV | Crown HVO | Heating Oils | Lubricants | AdBlue |  
24/7 Emergency Fuel Deliveries**