



**THE INNOVATIVE
AUSTRALIAN**

Topline

Platinum FE 5W-30

Advanced, Heavy-Duty FA-4 Diesel Engine Oil

Product Data Sheet

Topline Platinum FE 5W-30 is a full synthetic fuel-efficient diesel engine lubricant formulated to provide extended drain intervals in modern 4-stroke diesel engines. Its advanced additive technology provides improved fuel economy, unparalleled shear stability and oxidation stability. Optimised developments in precision lubrication chemistry has resulted in a cutting-edge diesel engine oil for greater lubricant life and protection of all moving parts from wear and soot damage. It is suitable for use in high speed 4-stroke diesel engines and is compatible with diesel engines fitted with EGR and the latest exhaust after treatment systems such as; DPF, DOC and/or SCR.

Topline Platinum FE 5W-30 is a heavy-duty diesel engine lubricant formulated to provide outstanding wear protection and thermal stability in high speed, turbocharged European, American and Japanese engines. also provides exceptional fuel efficiency and decreased maintenance costs.

Exceptional Oxidation Control maintains the highest levels of cleanliness around the pistons and linings and in engines with turbochargers. Topline Platinum FE 5W-30 provides superb oxidation and outstanding diesel engine wear control.

Outstanding Shear Stability dramatically improves engine combustion pressures and provides a better ring seal helping fuel economy, engine cleanliness and extends engine oil life.

Higher shear stability through high quality base oils and advanced additives also allows the oil to adapt to increased pressure and temperatures and provides better primary and secondary lubrication of vital engine components.



Product Code: 2035

Product Size: 20L, 205L, 1000L

V1.1 06.23

WWW.ROYALLUBRICANTS.COM.AU

Brisbane:

1-7 Potassium Street, Narangba,
QUEENSLAND, AUSTRALIA 4504

Tel: +61 7 3203 0089 Fax: +61 7 3203 3700

...DRIVEN BY PERFECTION

Melbourne:

40 Kimberley Road, Dandenong South,
VICTORIA, AUSTRALIA 3175

Tel: +61 3 9768 2441 Fax: +61 3 9768 3325



**THE INNOVATIVE
AUSTRALIAN**

Product Data Sheet

Topline

Platinum FE 5W-30

Advanced, Heavy-Duty FA-4 Diesel Engine Oil

Topline Platinum FE 5W-30 is ideally suitable for European Modern Heavy Duty Line Haul with multi-trailer combinations specifying 10W-30 or 5W-30 lubricants. Any oil drain extension should be carried out in conjunction with an approved oil analysis program.

Summary of Benefits:

- Reduced operating costs are often achieved through fuel savings and extended service intervals
- Exhibits exceptional soot dispersion and wear control through greater oxidation stability
- Contaminants are controlled and shear stability maintained leading to extended drain intervals
- Maximises vehicle utilisation and reduces downtime
- Controls oil thickening leading to improve fuel consumption
- Enhances engine power by reducing piston and ring deposits
- Optimises the Exhaust Gas Recycling (EGR) system life and Diesel Particulate Filter (DPF) life, decreasing your maintenance costs and downtime
- Suitable for use with Bio Diesel subject to OEM oil drain intervals

Specifications and Approvals:

- | | |
|--------------------------------------|-----------------------------------|
| ▪ API: CK-4, FA-4 / CJ-4/CI-4 +/CI-4 | ▪ Iveco: 18-1804 TLS E6 |
| ▪ SAE Viscosity: 5W-30 | ▪ JASO: DH-1-17, DH-2-17 |
| ▪ ACEA: E4 – 16 | ▪ Mack: EOS- 4.5 |
| ▪ ACEA: E6 – 16 | ▪ MAN: M 3677, 3777, 3691, 3271-1 |
| ▪ ACEA: E7 - 16 | ▪ Mercedes Benz: 228.31, 228.51 |
| ▪ ACEA: E9 – 16 | ▪ MTU: Category 3.1 & 2.1 |
| ▪ Caterpillar: ECF-3 | ▪ Renault: RLD-4 |
| ▪ Cummins: CES 20081, 20086, 20087 | ▪ Scania:LDF-4 |
| ▪ Detroit: DDC Power Guard 93K222 | |
| ▪ Deutz DQC IV-10LA | |

V1.1 06.23

WWW.ROYALLUBRICANTS.COM.AU

Brisbane:

1-7 Potassium Street, Narangba,
QUEENSLAND, AUSTRALIA 4504

Tel: +61 7 3203 0089 Fax: +61 7 3203 3700

...DRIVEN BY PERFECTION

Melbourne:

40 Kimberley Road, Dandenong South,
VICTORIA, AUSTRALIA 3175

Tel: +61 3 9768 2441 Fax: +61 3 9768 3325

Product Data Sheet

Topline

Platinum FE 5W-30

Advanced, Heavy-Duty FA-4 /CK-4 Diesel Engine Oil

Typical Characteristics:

Density at 15°C (kg/L)	0.86
Flash Point COC (°C)	220
Pour Point (°C)	-36
Kinematic Viscosity at 40°C mm ² /s (cSt)	77
Kinematic Viscosity at 100°C mm ² /s (cSt)	12.2
Viscosity Index	173
Cold Crank @ -30 °C	5020
HTHS @ 150 °C	3.5
TBN, ASTM D2896 (mg KOH/g)	12.8
Sulphated Ash (%)	<1.0

*Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute a legal liability.

Storage:

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C.

Health, Safety and Environment:

A Safety Data Sheet (SDS) is available for each product. Users should consult the SDS, and follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.

The Safety Data Sheet is available at Royal Precision Lubricants website www.royallubricants.com.au or by email: info@royallubricants.com.au.

V1.1 07.20

WWW.ROYALLUBRICANTS.COM.AU

Brisbane:

1-7 Potassium Street, Narangba,
QUEENSLAND, AUSTRALIA 4504

Tel: +61 7 3203 0089 Fax: +61 7 3203 3700

...DRIVEN BY PERFECTION

Melbourne:

40 Kimberley Road, Dandenong South,
VICTORIA, AUSTRALIA 3175

Tel: +61 3 9768 2441 Fax: +61 3 9768 3325