

*Intelligent formula. Brilliant performance.*

# INTELU PREMIUM

API-CF4 Diesel Engine Oil



## Product Data Sheet

**byco**

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Byco Intelu Premium multi grade diesel engine oil is designed with proven combination of additives that cater to the varying needs of your engine. It includes active dispersants to wash away dirt keeping your engine clean. The additives release its effectiveness to ensure reliable and consistent protection against deposits and wear to resist thickening of the oil in high operating temperatures. It is prime quality multi-grade diesel engine oil designed for all types of turbo charged engines operating under high-speed, high load and severe field conditions.



### Performance, Features & Benefits

- Outstanding Engine Protection**  
 Delivers optimum engine protection, longer oil life and improved fuel economy with exclusive additive technology that reduces wear, soot thickening and corrosion in severe operating environment.
- Protection for Turbo & Non-Turbo Charged**  
 Byco Intelu Premium is an ideal choice for a wide range of turbo-charged & non-turbo charged engines under adverse operating conditions. It is recommended for use in modern trucks, buses and agricultural tractors in off highway applications.
- Piston Cleanliness**  
 The exclusive additives in our lubricants provide improved piston cleanliness and guaranteeing the user consistent high performance of their engines.

### Performance Level

- API CF4/CF/SJ
- ACEA A2, B3,E2

#### Meets standard equipment requirement

- MB 228.1 & Volvo VDS,
- ACEA 07-E2
- ACEA 04-E2
- MAN 271
- MACK EO-K/2
- CATERPILLAR TO-2
- MIL-L-46152E
- ACEA 02-E2/B2/A2
- VW 501.01/505.00

### Operational Benefits

- Improves oil consumption.
- Enhanced piston cleanliness.
- High performance under extreme load and severe terrain conditions.
- Protection against deposits and wear in turbo and non-turbo charged engines.

### Key Properties

Properties / Units	Values		Test Method
SAE Viscosity Grade	15W-40	20W-50	-
Kinematic Viscosity@100°C mm <sup>2</sup> /s	15.5	19	ASTM D-445
Kinematic Viscosity@40°C mm <sup>2</sup> /s	115.7	165	ASTM D- 445
Viscosity Index	130	135	ASTM D- 2270
Dynamic Viscosity@-20°C mPa s	6600	-	ASTM D-5293
Dynamic Viscosity@-15°C mPa s	-	9100	ASTM D-5293
Density@15°C	0.885	0.895	ASTM D-4052
Flash Point (COC)°C	226	236	ASTM D-92
Base Number mg KOH/g	10	10	ASTM D-2896

Note: The typical characteristics are given as a guide only and may vary according to latest production according to ISO.



**ENVIRONMENTAL, HEALTH & SAFETY**  
 Environmental, Health & Safety Information of this product is available in Byco Material Safety Data Sheet (MSDS). Customers are encouraged to review this information, follow precautions and complying with the guidelines in consuming of the product, its use and disposal.