

**Intelligent formula. Brilliant performance.**

# INTELU SUPREME

API-CI4 Diesel Engine Oil



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## Product Data Sheet

Byco Intelu Supreme Multi Grade high performance oil for a variety of diesel engines especially heavily loaded commercial vehicles and construction equipments operating in extreme conditions. Our lubricant contains selected additives designed to provide three layer protection to improve engine and oil performance in three key areas: acid, corrosion and deposit control, reduce engine wear, suitable for heavy-duty turbo and non-turbo charged diesel engine for on and off highway applications.



### Application

- Byco Intelu Supreme 15W-40 is a significantly high performance diesel engine oil for use in:
- Heavy-duty commercial vehicles with EURO II/EURO III engines operating on long hauls.
- Passenger cars, trucks & trailers.
- Bus and dumper operation.
- Construction and mining equipments.

### Performance, Features & Benefits

- Excellent wear protection under high operating stressful conditions.
- Protection from corrosion even when used with diesel fuels with high sulphur content.
- Sludge and deposits are prevented by under extraordinarily high thermal loads as well as in stop and go driving conditions.
- Suitable for modern low emissions fitted with exhaust diesel particulate filters.
- Demonstrated protection and performance in latest high power heavy duty diesel engine from European, Chinese, Korean & Japanese manufacturers in both on-highway and off-highway applications.

### Performance Level

- API CI-4 / SL, CF, CF4 CH-4 CG-4
- ACEA E7, E5, E3
- Global DHD-1
- CAT EFC-1 / EFC-2

### Meets standard equipment requirement

- MB 228.3
- Volvo VDS-3
- MAN M3275-1
- Deutz DQC III
- Cummins CES 20078/7/6/5/2
- Caterpillar ECF-1-A
- MTU Category 2
- Renault Truck
- Allison C-4

### Key Properties

Properties / Units	Values	Test Method
SAE Viscosity Grade	15W-40	-
Kinematic Viscosity@100°C mm <sup>2</sup> /s	15.5	ASTM D-445
Kinematic Viscosity@40°C mm <sup>2</sup> /s	115.7	ASTM D-445
Viscosity Index	140	ASTM D-2270
Density@15°C	0.885	ASTM D-4052
Flash Point (CO)°C	233	ASTM D-92
Pour Point°C	- 30	ASTM D-97
Sulphated Ash %wt	1.55	ASTM D-874
Base Number mg KOH/g	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.