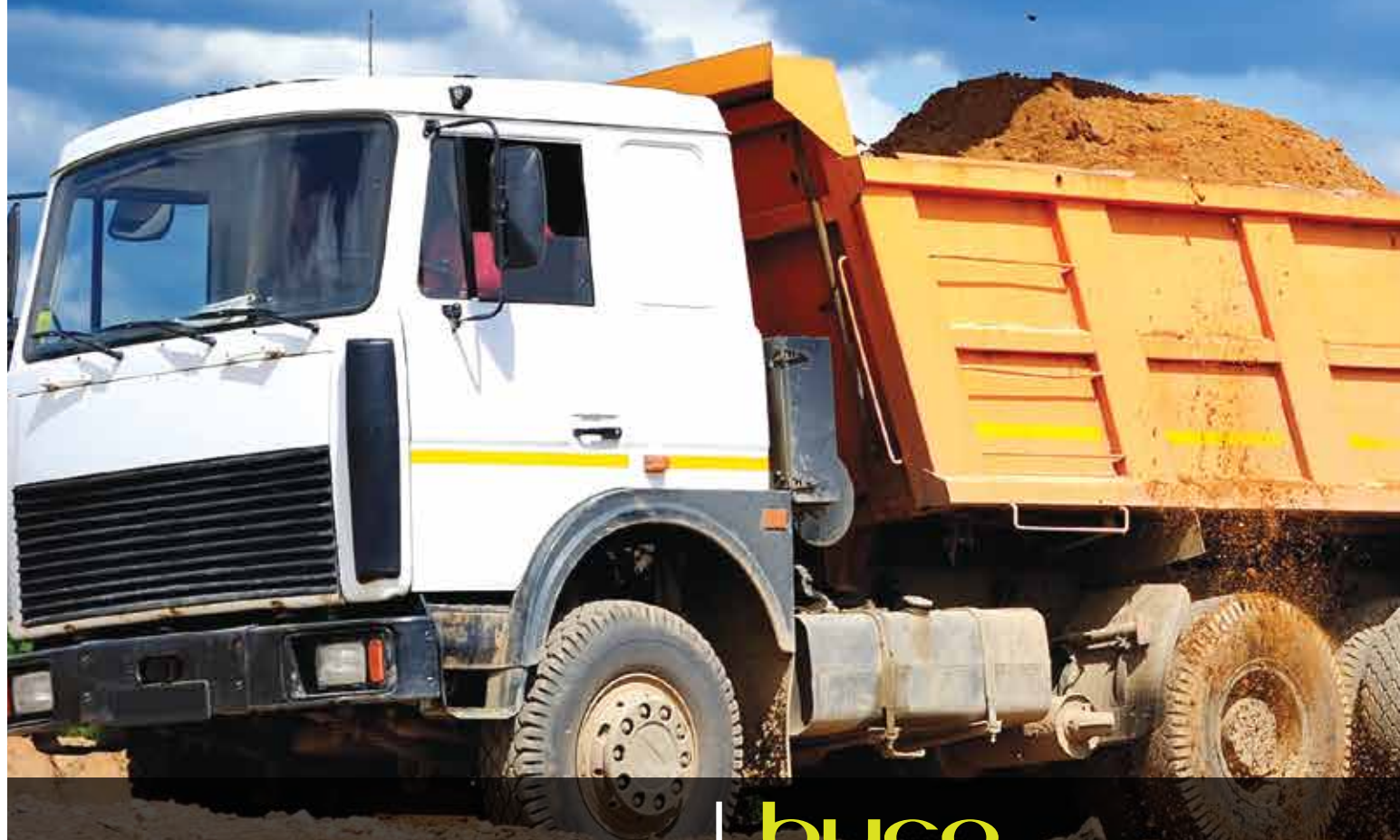


Intelligent formula. Brilliant performance.

INTELU ENHANCED

API-CF Diesel Engine Oil



byco

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Product Data Sheet

Byco Intelu Enhanced SAE 20W-50 multi-grade diesel engine oil is designed for hot, cold, steep & dusty environmental operations where you are sure that your oil will protect your engine under such operating conditions.



Application

Intelu Enhanced is formulated from high quality paraffinic base oils and detergent-dispersant, anti-oxidation, anti-corrosion, anti-wear and anti-foam additives. They are used extensively in diesel engine driving transports, earth-moving/quarrying and construction equipment as well as stationary diesel engines.

Performance, Features & Benefits

- **Energized Protection**-Intelu Enhanced heavy duty diesel engine oil works with optimal performance in three key areas.
- **Acid control**-through performance additives that protects your engines against corrosion as fuel burns.
- **Control against dirt deposits**-helps keep engine clean for consistent engine performance, high efficiency and long engine life.
- **Control against wear**-prevents moving engine component surfaces against wear and ensures long engine life.
- **Protective power for non-Turbo charged engines**-provides reliable lubrications for heavy duty, non-turbo charger application under tough and long lasting operating environment.

Performance Level

API CF/CD/SF

Meets standard equipment requirement

- MERCEDES BENZ 227.0
- MIL-L-2104 E
- MIL-L-46152 B/C
- CCMC D2
- ACEA E 1-96
- CUMMINS
- PERKINS
- MAN 270
- CATERPILLAR TO-2
- ALLISON C-4
- KOMATSU

Operational Benefits

- Can be used in diesel engines; normally aspirated or turbo-charged.
- Reduces engine wear.
- Extends oil change periods.
- Keeps engine interior clean.

Due to its unique viscosity characteristic, Intelu Enhanced can reduce oil consumption in old engines thereby lowering operating costs of the equipment.

Key Properties

Properties / Unit	Values	Test Method
SAE Viscosity Grade	20W-50	-
Kinematic Viscosity@100°C mm ² /s	19	ASTM D-445
Kinematic Viscosity@40°C mm ² /s	165	ASTM D-445
Viscosity Index	127	ASTM D-2270
Dynamic Viscosity@-15°C mPa s	9050	ASTM D-5293
Density@15°C Kg/m ³	0.885	ASTM D-4052
Flash Point (COC)°C	236	ASTM D-92
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.