



# Finnexx Taxxan Oils

## *Super Diesel HD Multigrade 15W40*

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### **PRODUCT DESCRIPTION**

Finnexx Super Diesel HD Multigrade SAE 15W-40 is a premium performance, multigrade, heavy-duty diesel engine oil specifically designed to lubricate a wide range of diesel and gasoline engines requiring API CI-4, SL, ACEA E7 or JASO DH-1 performance lubricants operating under the most severe service conditions. Specifically designed for the latest electronically controlled diesel engines, including those fitted with EGR and/or SCR systems, experiencing high soot loading. Formulated with highly refined base oils and the latest additive technology to provide exceptional soot dispersancy, deposit control and wear protection.

### **CUSTOMER BENEFITS**

- **Minimizes fleet maintenance costs**  
Exceptional soot dispersancy keeps fuel soot in suspension, avoiding filter plugging, cylinder head sludge, abrasive polishing wear and oil thickening.
- **Minimizes fleet operating costs**  
Excellent deposit control on valves and piston crownlands reduces oil consumption. Exceptional oxidation stability and soot control extends oil drain capability so that equipment is in service longer generating revenue. Outstanding valve train wear protection maintains fuel economy.
- **Extends engine life to overhaul**  
High level of anti-wear additive protects against valve train wear and scuffing of highly loaded parts operating under boundary lubrication conditions.
- **Reduces inventory costs**  
“Universal” formulation provides excellent overall performance in mixed fleets of different engine designs, (including modern electronically controlled/low emission diesel engines) allowing one oil for all services and reducing the chance of problems arising through product misapplication.

### **APPLICATIONS**

- Mixed fleets of European, North American and/or Japanese diesel engines (high speed, four-stroke, turbocharged or naturally aspirated)
- Mixed fleets of both diesel and gasoline engines
- Mixed fleets including both old and new equipment
- Commercial road transport, including the latest electronic controlled engines and those designed to meet Euro 3 emissions standards.
- Also for Euro 4 compliant vehicles, except those units fitted with diesel particulate filters and requiring ACEA E6 or ACEA E9 oils
- For the latest diesel engines, including those fitted with EGR and/or SCR systems, experiencing high soot loading.
- Stop-and-go vehicles in high soot loading service such as buses and waste collection trucks
- Off-highway vehicles and plants



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- Agricultural tractors and farm machinery
- Generator sets
- Mobile hydraulic systems (where oil type and viscosity are appropriate)

### PERFORMANCE

API	CI-4, CH-4, CG-4, CF, CD SL, SJ, SH
ACEA	E7-08, E5-02, E3-96#4
EMA Global	DHD-1
JASO	DH-1
US Military	MIL-L-2104F
Caterpillar	ECF-2
Cummins	CES 20078, 20077, 20076, 20072
Daimler	MB 228.3
Mack	EO-N Premium Plus, EO-M Plus, EO-M
MAN	M 3275
MWM Deutz	DQC-III
Renault	RLD-2, RLD
Volvo	VDS-3, VDS-2

### TYPICAL TEST DATA

Characteristic	Test methods	SAE 15W-40
Density at 15°C, kg/l	ASTM D4052	0.88
Kinematic viscosity at 100 °C, mm <sup>2</sup> /s	ASTM D445	15.1
Cranking viscosity at -20°C, mPa.s	ASTM D5293	6400
Pour Point, °C	ASTM D97	-24
Total Base Number, mg KOH/g	ASTM 2896	11.1
Sulphated Ash, %wt	ASTM D874	1.4
Elemental Analysis		
Zinc, %wt	X-Ray/ICP	0.109
Calcium, %wt	X-Ray/ICP	0.300
Phosphorus, %wt	X-Ray/ICP	0.099
Boron, %wt	ICP	0.021
Magnesium, %wt	X-Ray/ICP	0.047
Sulphur, %wt	X-Ray	0.32
Nitrogen, %wt	ASTM D5762	0.099



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**Health & Safety Note** – Always maintain good levels of personal hygiene when handling engine oils. Wash hands and skin areas where contact has occurred and avoid ingestion. See applicable Material Safety data Sheet for further information.