



## WP Heavy Duty Synthetic Blend 15W-40 Diesel Engine Oil

WP Heavy Duty Synthetic Blend 15W-40 Diesel Engine Oil has been formulated to provide reliable protection and performance to fleet and off-highway equipment, offering the convenience of a single oil suitable for a wide range of OEMs.

WP Heavy Duty Synthetic Blend 15W-40 Diesel Engine Oil uses the latest “Low-SAPS” additive technology to protect under the most severe engine conditions found in modern, low-emission engines.

### Performance, Features & Benefits

**WP Heavy Duty Synthetic Blend 15W-40 Diesel Engine Oil has been designed to provide hard working protection that adapts to your driving conditions.**

- Meets the API CK-4 specification
- Performance in both on and off highway equipment
- Backwards compatibility for older equipment that requires API CJ-4, CI-4 Plus, CI-4 or CH-4 diesel engine oil.
- The low ash formulation helps protect the exhaust catalysts and particulate filters found on the latest low emission vehicles.
- WP Heavy Duty Synthetic Blend 15W-40 Diesel Engine oil has the proven performance in key tests around oxidation control, aeration control and shear stability.
- **Always follow OEM recommendations when it comes to setting drain Intervals for your specific operations and equipment.**

### Main Applications

Suitable for use in all on or off highway engines requiring an API CK-4, CJ-4, CI-4 Plus, CI-4 or CH-4 diesel oil in this viscosity grade.

- **Severe duty heavy duty diesel engines**  
Provides outstanding protection for virtually all heavy duty diesel engines, including the latest emission controlled engines using EGR and containing a Diesel Particulate Filter.
- **Off-highway applications**  
Suitable for use in agricultural, mining, logging, and construction applications, even with high levels of fuel Sulfur.

### Specifications, Approvals & Recommendations

- API CK-4, CJ-4, CI-4 Plus, CI-4, CH-4
- Caterpillar ECF-3, ECF-2
- Cummins CES 20086, 20081
- Detroit Fluids Specification (DFS) 93K222, 93K218
- Volvo VDS-4.5, VDS-4
- Mack EO-S 4.5, EO-O Premium Plus
- ACEA E9



### Typical Physical Characteristics

Properties			Method	WP Heavy Duty Synthetic Blend 15W-40 Diesel Engine Oil
KINEMATIC VISCOSITY	@40 °C	mm <sup>2</sup> /s	ASTM D445	115.6
KINEMATIC VISCOSITY	@100°C	mm <sup>2</sup> /s	ASTM D445	15.3
DYNAMIC VISCOSITY	@-20°C	mPa s	ASTM D5293	6200
VISCOSITY INDEX			ASTM D2270	138
TOTAL BASE NUMBER		mgKOH/g	ASTM D2896	10
DENSITY	@15°C	kg/l	ASTM D4052	0.875
FLASH POINT (COC)		°C	ASTM D92	237
POUR POINT		°C	ASTM D97	-36

These characteristics are typical of current production. Whilst future production will conform to manufacturers specification, variations in these characteristics may occur.

### Health, Safety & Environment

- **Health and Safety**

WP Heavy Duty Synthetic Blend 15W-40 Diesel Engine Oil is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from [www.WestPier.ca](http://www.WestPier.ca)

- **Protect the Environment**

Take used oil to an authorized collection point. Do not discharge into drains, soil, or water.

### Additional Information

- **Advice**

Advice on applications not covered here may be obtained from your WestPier representative.