



Lyden Oil Company ProGuard

Product Information

ProGuard Heavy Duty Engine Oil

ProGuard Heavy Duty Engine Oils are premium quality engine oils for all-season use in commercial mixed-fleet engine operations. They are manufactured to meet the performance requirements in all naturally aspirated, turbocharged and supercharged diesel engines as well as all four-cycle gasoline engines requiring single grade engine oils meeting API CF or SL specifications.

ProGuard Heavy Duty Engine Oils have also been successfully used in industrial applications such as: gear drives, pumps, chains, or where a detergent type engine oil is required. It can be used as hydraulic oil for hydraulic systems and some hydrostatic transmissions in mobile off-road equipment (SAE 10W & 30), and in Detroit Diesel 2-Stroke Cycle Engines requiring Oil Type 1 (SAE 40). The SAE 10W, 30, and 50 weights also meet the requirements of MIL-PRF-2104G, and the SAE 10W weight meets the requirements of Allison C-3, Caterpillar TO-2 and CAT HYDO Advanced type 10W off-road hydraulic fluids.

Benefits

- Resisted breakdown under high temperatures.
- Maintained oil pressure under heavy load conditions.
- Minimized rust and corrosion.
- Good low temperature pour point.

Typical Properties

ProGuard

Premium Heavy Duty Engine Oil	10W (Off-Road Hydraulic Fluid)	30	40	50
Product Code Number	411131	17957	17958	17959
Viscosity, ASTM D-445				
cSt at 100 °C	7.1	11.8	15.0	20.1
cSt at 40 °C	44.1	99.0	155.1	225.8
Viscosity Index, ASTM D-2270	120	108	96	103
Flash Point, °C (°F), ASTM D-92	210 (410)	230 (446)	235 (455)	240 (464)
Pour Point, °C (°F), ASTM D-5950	-39 (-38)	-33 (-27)	-27 (-17)	-27 (-17)
Color	2.5	4.0	4.0	4.0
Specific Gravity at 60 °F	0.872	0.884	0.884	0.892
Total Base Number, ASTM D-2896	8.7	10.5	6.8	10.5
Sulfated Ash, % wt., ASTM D-874	1.1	1.3	0.9	1.3
Zinc, % wt.	0.099	0.118	0.077	0.118
API Performance Category	N/A	CF/SL	CF, CF-2	CF/SL

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