

## HEAVY DUTY MOTOR OIL (CI-4 / SN)

**XL-8530** series of premium grade motor oils are formulated to operate under harsh weather conditions, and wide temperature ranges. They are designed to maintain gasoline and diesel engines in clean operating condition, while reducing fuel consumption, and maximizing energy efficiency.

The **XL-8530** series are blended to standard specifications dictated by the **American Petroleum Institute (API)**, and the **Society of Automotive Engineers (SAE)**.

**XL-8530** is available in all standard SAE grades.

TYPICAL SPECIFICATIONS								
Product Code: XL-8530	/053	/054	/103	/104	/154	/030	/040	/050
SAE Grade	5W30	5W40	10W30	10W40	15W40	30	40	50
Viscosity (cSt @ 40°C) (ASTM D-445)	60.3	84.0	62.3	92.3	97.2	62.5	90.3	152
(cSt @ 100°C) (ASTM D-445)	10.5	13.0	11.5	13.7	14.3	11.8	13.3	17.2
Viscosity (cP @ -25°C) (ASTM D-2983)	2700	3300	-	-	-	-	-	-
(cP @ -20°C) (ASTM D-2983)	-	-	3050	3200	-	-	-	-
(cP @ -15°C) (ASTM D-2983)	-	-	-	1680	3000	-	-	-
Viscosity Index	165	155	182	151	151	188	148	124
Flash Point (°C)	200	203	203	204	208	220	235	240
Pour Point (°C) (ASTM D-97)	-53	-50	-43	-40	-39	-35	-30	-18
Pumpability (°C)	-39	-50	-36	-34	-29	-	-	-
Specific Gravity (g/ml)	0.86	0.86	0.86	0.87	0.88	0.87	0.87	0.88
Total Base Number (TBN)	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5

**XL-8530** meets the following OEM specifications:

API (American Petroleum Institute) .....	CI-4, CI-4 PLUS, CH-4, CF-4, SL, SJ, SH, SG, SF, "Energy Conserving" (EC-II) "Fuel saving"
Daimler Chrysler .....	228.1 Blanket, 229.1 Blanket
Ford .....	ESE-M2C153 E
General Motors .....	6085 M
JASO (JAPAN) .....	M328-83, M331-84, M333-86
U.S. Army .....	MIL-L-46152 D, MIL-L-21260, MIL-L-2104E
Volkswagen .....	500.00, 501.01, 505.00
MACK .....	EO-N Premium Plus 03
Cummins .....	CES 20078, CES 20076, CES 20072
ACEA .....	E2/E5/E7
MAN .....	271
Volvo .....	VDS-2
MTU .....	Type 2
DDC .....	Series 2000/4000 Category 1; Power Guard
ILSAC .....	GF-Compliant
Caterpillar .....	ECF-1&2
MB .....	228.3

