

# Technical Data Sheet

## LubBase® Group III

### GENERAL DESCRIPTION

LubBase® Group III oils are refined from petroleum through advanced hydrocracking processes. We convert crude oil molecules into water-white base oils that are virtually free of aromatics, polar compounds, and sulfur. Some of the further developed oils involve a catalytic de-waxing process to produce a highly pure product.

### APPLICATION

LubBase® Group III oils offer superior viscosity control and reduced volatility which provides better fuel economy and help lower lubricant consumption. Enhanced thermal and oxidation stability increases engine protection and helps extend the longevity of your lubricant.

### TYPICAL PROPERTIES

PROPERTIES	ASTM METHOD	LubBase® 2 cSt	LubBase® 4 cSt	LubBase® 6 cSt	LubBase® 8 cSt
<b>TYPICAL</b>					
SPECIFIC GRAVITY @ 60°F	D4052	0.83	0.84	0.84	0.846
API GRAVITY @ 60°F	D4052	38.98	36.9	36.9	35.76
COLOR	D1500	<0.5	<0.5	<1.0	<1.5
VISCOSITY, CST @ 40°C	D445	9.6	19.8	32.3	49.1
VISCOSITY, CST @ 100°C	D445	2.6	4.4	6.0	8.1
VISCOSITY, SUS @ 100°F	D2161	60	109	175	261
VISCOSITY INDEX	D2270	100	129	133	132
FLASH POINT COC °C	D92	185	222	231	264
POUR POINT °C	D5950	-42	-22	-19	-18
VOLATILITY NOACK WT. %	D5800	--	13.0	8.0	3.2
SULFUR (PPM)	D5453	<1.0	<1.0	<1.0	<1.0

Note: Values shown here represent approximate specification limits and typical values.