



Product	Type
LUBRIZOL® PV8403	Passenger Car Motor Oil Additive

Ultra high performance passenger car engine oil additive for API Group III based formulations. Using LUBRIZOL ACT™ for a cleaner World.

Application

Recommended for use at: 11.7 % by weight
when formulated with the appropriate base stocks and viscosity modifiers will meet the requirements of:

ACEA C2-12 (2012)
ACEA C3-12 (2012)
ACEA A5/B5-12 (2012)
API SN

Physical Characteristics

	Minimum	Target	Maximum
FLASH POINT, C, PMCC		160	
LBS PER U.S. GAL @ 15.6 C		8.06	
LBS PER IMP GAL @ 15.6 C		9.68	
POUR POINT, C		-18	
SPECIFIC GRAVITY @ 15.6 C	0.947	0.967	0.987
VISCOSITY @ 100 C, CST		150	
VISCOSITY @ 40 C, CST		3140	

Chemical Characteristics

	Minimum % Weight	Typical	Maximum % Weight
BASE NUMBER (MGKOH/G)		63	
CALCIUM	1.48	1.65	1.82
NITROGEN	0.79	0.88	0.97
PHOSPHORUS	0.59	0.66	0.73
SULFATED ASH		6.7	
SULFUR		1.9	
ZINC	0.64	0.72	0.80

LUBRIZOL® PV8403 Unloading, storage and blending instructions

General handling instructions - In general, The Lubrizol Corporation recommends, as a minimum, the use of neoprene or nitrile rubber gloves and safety glasses or chemical splash goggles. The Material Safety Data Sheet should be consulted for specific information and for information on health and safety when handling this product

Fire and explosion hazard data

Flash Point (method)	Classification
160°C PMCC	N/A

Temperature recommendations

Unloading	Pumping Temperature	65°C	149°F
	Maximum temperature	75°C	167°F

Storage

Maximum temperature for long-term storage	45°C	113°F
---	------	-------

Blending

Maximum base oil temperature for mechanical or in-line mixing	75°C	167°F
---	------	-------

Equipment recommendations

Type of Pump	Positive Displacement
Type of transfer line	Ball Launched, Insulated, Steam Traced Using 107°C/225°F Steam Max.
Transfer line size	3 inch/8 cm. Min.

Heat source

Type	n/a
Storage tank	Suction Heater Recommended

Viscosity data

	cSt	SUS
at 25°C, 77°F	9690	44823
at 40°C, 104°F	3140	14549
at 100°C, 211°F	150	700

Notes

Pour Point	-18°C, 0°F
------------	------------

Additional Recommendations

* Holding the material in excess of this temperature may cause chemical degradation. Use steam for heating and tracing only when the material is in motion to avoid localized overheating. Cold Temperature Storage - If product has been stored below its pour point temperature it should be heated to 21°C/70°F before using.

Effective: 2/27/2015 8:24:20 PM



<https://www.lubrex.com.tr/>

lubrex@lubrex.com.tr