

Gravenchon Lubes Plant, Notre-Dame-de-Gravenchon, 76330 Port-Jérôme-sur-Seine, France
Phone: +33 2 3275 2434
Date (mm/dd/yyyy): 05/21/2019 ✓
Product: MARCOL 82 ✓

Batch Number	VG6114036P ✓	Type	COMP 1 ✓
Order Key	065262914010	Manufacture Date	05/09/2019 ✓
Export# / P.O.#		Destination	
Fill #	8065262914	Reference #	
Product #	451010201010	T/C or T/T	0112924925 ✓

Test Description	Method	Test Result
Refractive Index, 20 C	ASTM D1218	1.467 ✓
Pour Point (at 1 C Testing Intervals), deg C	ASTM D5950	-8 ✓
Density @ 15 C, kg/m ³	ASTM D4052	851 ✓
Kinematic Viscosity @ 100 C, mm ² /s	ASTM D445	3.521 ✓
Odor	OLFACTORY	PASS ✓
Appearance	VISUAL	C & B ✓
Kinematic Viscosity @ 40 C, mm ² /s	ASTM D445	15.8 ✓
Readily Carbonizable Substances, Rating	EuroPharm/USP-RCS	Pass
Dynamic Viscosity @ 20 C, mPa.s	CALCULATED	31 ✓
Flash Point, Cleveland Open Cup, C	ASTM D92	186 ✓
Solid Paraffins, 4 h @ 0 C	EuroPharm/USP-SP	Pass
Refractive Index 25 C	AM-S 1811	1.465
Polycyclic Aromatic Hydrocarbons, Rating	EuroPharm/USP-PAH	Pass
UV Absorbance @ 275 nm, per cm	ASTM D2008	0.1 ✓
Relative Density @ 25 C/25 C	ASTM D4052	0.847 ✓
Relative Density @ 20 C/20 C	ASTM D4052	0.850 ✓
Color, Saybolt	ASTM D6045	30 ✓


This material meets the ExxonMobil Sales specification established for this product and has been produced in a facility complying with the requirements of the ISO 9001 certified Global Product Integrity Management System (GPIMS).

MEET THE REQUIREMENTS OF:

- EUROPEAN PHARMACOPOEIA LIGHT LIQUID PARAFFIN
- UNITED STATES PHARMACOPEIA/NATIONAL FORMULARY LIGHT MINERAL OIL
- UNITED STATES FOOD AND DRUG ADMINISTRATION 21 CFR 178.3620(a)

SHELF LIFE : 24 MONTHS FROM MANUFACTURING DATE ✓

S.Lyskawa, Laboratory Manager
 Quality Assurance Laboratory
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 Bloc 201 - Laboratoire
 Notre-Dame-de-Gravenchon
 76330 Port-Jerome-sur-Seine
 France

le 22/05/2019


Tests conducted according to International Standard Test Methods are routinely verified to be in compliance with the latest published versions. Minor changes may be made where they have no material impact on test results and are necessitated by reasons such as safety, environmental standards, and method effectiveness.