



# High performance metal working operations

## Applications



Spindle



Quenching



Cutting



Stamping



Rust prevention

### Exxsol™ D145 enables:

- Corrosion prevention due to very low levels of sulfur
- Excellent oxidation stability and response when formulated with additive
- Employee, environment and product safety due to low aromatics
- Fire safety with high flash point

	Method	Exxsol D145 <sup>1</sup>	Comp. 1	Comp. 2
IBP, °C	ASTM D86	270 <sup>2</sup>	-	270
Saybolt Color	ASTM D156	+30 <sup>2</sup>	+30	+30
Flash Point, °C	ASTM D93	138 <sup>2</sup>	-	135
Density @ 15°C (g/cm <sup>3</sup> )	ASTM D4052	0.841 <sup>2</sup>	0.830	0.810-0.845
COC Flash Point, °C	ASTM D92	156 <sup>2</sup>	158	-
Viscosity cST @ 40°C	ASTM D445	7.56 <sup>2</sup>	7.62	-
Viscosity cST @ 100°C	ASTM D445	2.22 <sup>2</sup>	2.25	-
Pour Point, °C	ASTM D97	-30 <sup>2</sup>	-37.5	<-39
Sulfur, wppm	ASTM D5453	1 <sup>2</sup>	1	<5
Aromatics content, ppm	UV internal method	<100 <sup>2</sup>	<10000 <sup>3</sup>	<300 <sup>4</sup>

1. Data from tests performed by or on behalf of ExxonMobil in LIMS No#: 20711497

Spot values indicated in this table describe one-time properties tested and do not constitute specification limits. The spot values may vary over time.

2. Test results are generated by ExxonMobil test methods that may not fully conform to the ASTM and/or ISO methods. Test methods are available upon request.

3. Competitor data method: ASTM D2007

4. Competitor data method: UOP 495

© 2023 ExxonMobil. ExxonMobil, the ExxonMobil logo, the interlocking "X" device and other product or service names used herein are trademarks of ExxonMobil, unless indicated otherwise. This document may not be distributed, displayed, copied or altered without ExxonMobil's prior written authorization. To the extent ExxonMobil authorizes distributing, displaying and/or copying of this document, the user may do so only if the document is unaltered and complete, including all of its headers, footers, disclaimers and other information. You may not copy this document to or reproduce it in whole or in part on a website. ExxonMobil does not guarantee the typical (or other) values. Any data included herein is based upon analysis of representative samples and not the actual product shipped. The information in this document relates only to the named product or materials when not in combination with any other product or materials. We based the information on data believed to be reliable on the date compiled, but we do not represent, warrant, or otherwise guarantee, expressly or impliedly, the merchantability, fitness for a particular purpose, freedom from patent infringement, suitability, accuracy, reliability, or completeness of this information or the products, materials or processes described. The user is solely responsible for all determinations regarding any use of material or product and any process in its territories of interest. We expressly disclaim liability for any loss, damage or injury directly or indirectly suffered or incurred as a result of or related to anyone using or relying on any of the information in this document. This document is not an endorsement of any non-ExxonMobil product or process, and we expressly disclaim any contrary implication. The terms "we," "our," "ExxonMobil Product Solutions" and "ExxonMobil" are each used for convenience, and may include any one or more of ExxonMobil Product Solutions Company, Exxon Mobil Corporation, or any affiliate either directly or indirectly stewarded.



For more information about  
Exxsol™ D145 fluid