



## CIRKAN RO 100 & 150 Meets MORGOIL SPECIFICATION

MORGOIL Specification		CIRKAN RO	
Viscosity Index	ASTM D 2270		
	ISO 460 or less	90min.	>95
	ISO 680	85min.	>95
Demulsibility	ASTM D 2711		
	Free water	30ml min.	30ml
	% free water in oil	1.5%max	1.5
	Emulsion	1.0ml max.	1.0
Demulsibility	ASTM D 1401		
	ISO 68 or lower at 54C		
	at 82C		
	ISO 32 - 220	40-37-3 (20min)	40-37-3 (15min)
	ISO 320 - 460	40-37-3 (40min)	40-37-3 (15min)
	ISO 680 - 1000	40-37-3 (50min)	40-37-3 (15min)
Pour point	ASTM D 97		
	ISO 460 lower	minus 6C	minus 15C
	ISO 680 higher	0C	minus 10C
Foam	ASTM D 892		
	Seq I	150 - 0	50 - 0
	Seq II		
	Seq III		
Rust, distilled water	ASTM D 665	Pass	Pass
Flash point	ASTM D 92	195C, min.	215C, min
Copper corr., 3hrs @ 100C	ASTM D 130	1a-b	1a-b
Neutralization #	ASTM D 974	Report	0.27

### TOTAL Specialties USA, Inc.

Linden, NJ 07036  
 5 North Stiles Street  
 1-800-323-3198  
 www.totalspecialties.com

CIRKAN 6-2016

This lubricant must be applied as recommended and used for the application for which it was designed. TOTAL Specialties USA, Inc. will have no responsibility for any injury to persons or property resulting from misuse or misapplication of the lubricant. A safety data sheet conforming to the OSHA Hazard Communication Standard 29 CFR Section 1910.1200 can be downloaded at www.totalspecialties.com. Copyright 2016 All rights reserved.