

ISO 21018-4:2019-08 (E)

Hydraulic fluid power - Monitoring the level of particulate contamination in the fluid - Part 4: Use of the light extinction technique

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Health and safety	2
5	Equipment	2
5.1	General	2
6	Operating procedures	2
6.1	General	2
6.2	Operating from a pressurized line	3
6.2.1	General	3
6.2.2	Procedure	3
6.3	Operating from a system reservoir	4
6.3.1	General	4
6.3.2	Procedure	4
6.4	Operating from a bulk container	5
6.4.1	General	5
6.4.2	Procedure	5
6.5	Operating from a sample bottle	6
6.5.1	General	6
6.5.2	Procedure	6
7	Calibration and verification procedure	6
7.1	General principles	6
7.2	Required equipment for calibration and validation as per ISO 11943	7
7.3	Required equipment for calibration and validation using prepared bottle samples	7
8	Reporting of results of calibration and verification procedure	7
9	Test reports	8
10	Identification statement	9
Bibliography		10