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Hydraulic fluid power systems — Assembled systems — Methods of cleaning lines by flushing

*Transmissions hydrauliques — Systèmes assemblés — Méthodes de
nettoyage des canalisations par curage*



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Foreword

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Introduction

In hydraulic fluid power systems, power is transmitted and controlled through a liquid under pressure within an enclosed circuit.

The initial cleanliness level of a hydraulic system can affect its performance and useful life. Unless removed, particulate contamination present after manufacture and assembly of a system can circulate through the system and cause damage to the system components. To reduce the probability of such damage, the fluid and the internal surfaces of the hydraulic fluid power system need to be flushed clean to a specified level.

Flushing of lines in a hydraulic system needs to be viewed as one means of removing in-built and residual contamination, and ought not be the sole method used for cleaning such systems.