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Hydraulic fluid power — Determination of derived displacement of positive displacement pumps and motors —

Part 1: Two-step Toet method

Transmissions hydrauliques — Détermination de la cylindrée calculée des pompes et moteurs volumétriques —

Partie 1: Méthode Toet à deux étapes

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In hydraulic fluid power systems, power is transmitted and controlled through a liquid under pressure within an enclosed circuit. Two types of components of such systems are the positive displacement pumps and motors. One of the technical parameters of these components is the derived displacement, also known as derived capacity. The term "derived displacement" is preferred over "derived capacity". This document describes the test procedure and analytical approach of the two-step Toet method for the determination of the derived displacement of hydraulic fluid power positive displacement pumps and motors.