



Exploration & Production

GENERAL SPECIFICATION

SUBSEA SYSTEMS

GS EP SPS 023

Cleaning and Flushing of Hydraulic Systems

05	10/08	Standard references update
04	10/06	Reference to ISO 4406
03	10/05	Addition of "EP" root to GS identification
02	08/03	Change of Group name and logo
01	03/03	NAS 1638 replaced by AS 4059
00	10/02	First issue
Rev.	Date	Notes

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1. Scope

The present specification covers the minimum requirements for cleaning and flushing of hydraulic systems used for subsea equipment.

2. Reference documents

The reference documents listed below form an integral part of this General Specification. Unless otherwise stipulated, the applicable version of these documents, including relevant appendices and supplements, is the latest revision published at the EFFECTIVE DATE of the CONTRACT.

Cleanliness with respect to particles shall be classified according to latest revision of:

- [ISO 4406 or SAE AS 4059](#)

For particle analyses performed by filtration/microscope techniques:

- [ARP \(SAE\) 598 B](#)

Standards

Reference	Title
ISO 4406	Hydraulic fluid power – Fluids – Methods for coding the level of contamination by solid particles
SAE AS 4059	Cleanliness classification of hydraulic fluids
SAE ARP 598 C	Aerospace Microscopic Sizing and Counting of Particulate Contamination for Fluid Power Systems
ISO 11171	Hydraulic fluid power - Calibration of automatic particle counters for liquids

Professional Documents

Reference	Title
Not applicable	

Regulations

Reference	Title
Not applicable	

Codes

Reference	Title
Not applicable	