

Note: 000105

Overview

Number	000105
Description	SAP QCI TAS - Density UoM Tolerance/Defaulting Issue - ASTM D1250-80 - Bol. téc. PETROBRAS
Version	1 from 25.11.2021
Status	Released to Customer
Language	EN
Responsible	Markus Seng
Product	BCP
Category	Correction - SAP Integration

Symptom

You execute IS-OIL TAS IDOC OILLDD and receive error message /QTYW/BCC073 - "Conversion to SI unit is not possible, source unit of measure is initial". You are utilizing a BCP conversion group with absolute density and CTL calculations that implement ASTM D1250 - Bol. téc. PETROBRAS 2000 - Crude Oil & Products.

Cause

The SAP IDOC does not contain the UoM field TDICHEH, which was introduced by SAP for the SAP QCI in 1999. Thus, the internal QuantityWare density conversion of the absolute density value (field TDICH) fails and the error is issued.

Solution

Code enhancement (QuantityWare work-around for missing SAP functionality): Define absolute density "downward compatibility" for ASTM D1250 - Bol. téc. PETROBRAS 2000 - Crude Oil & Products" - implementation: If density UoM TDICHEH is not provided/initial, assume that TDICH value is the absolute density in kg/m³. This logic is already applied to all SAP QCI legacy conversion groups with density type "absolute density", as well as to other BCP SAP QCI Q*** template conversion groups.

Transport Reference

SAP Release	Transport	File Name	Notes
ECC600	QOIK900363	NOTE-00105-30x.SAR	
S/4 HANA	QOIK900363	NOTE-00105-30x.SAR	

Validity

SAP Release	From SP	To SP	In SP Shipment
ECC600	BCS 3.0 CSP02	BCS 3.0 CSP03	BCS 3.0 CSP03
S/4 HANA	BCS 3.0 CSP01	BCS 3.0 CSP02	BCS 3.0 CSP02