

## Note: 000065

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### Overview

Number	<b>000065</b>
Description	<b>ASTM D1250-52 – Table 6 – Temperature Interpolation</b>
Version	<b>2 from 11.07.2017</b>
Status	<b>Released to Customer</b>
Language	<b>EN</b>
Responsible	<b>Markus Seng</b>
Product	<b>BCP</b>
Category	<b>Advanced Development</b>

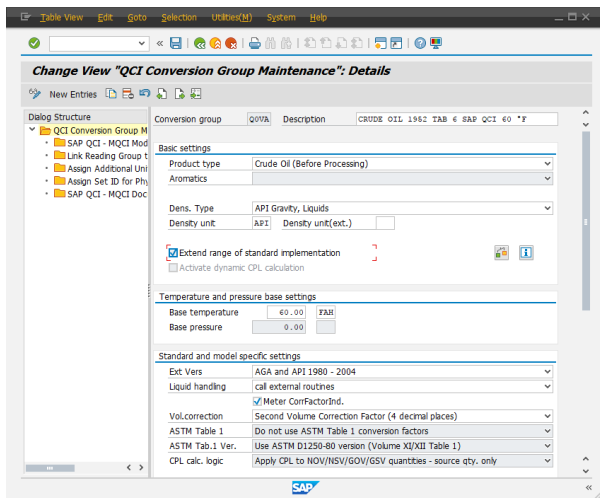
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### Symptom

With this note, an advanced development for ASTM D1250-52 Table 6 is delivered.

ASTM D1250-52 /API Table 6 (1952) allows for interpolation between the published API Gravity table values. The API did not include the temperature interpolation in their discussion. Since there is no guidance given which states that the temperature values are rounded to the nearest full integer, allowing density interpolation and restricting temperature interpolation would be counterproductive, as the differences for temperature interpolation can exceed the density interpolations for parts of the tables.

With this advanced development, interpolation for temperature values is implemented for the ASTM D1250-52 Table 6 value determination logic – bilinear interpolation (density and temperature) is thus possible after implementation of this advanced development. The bilinear interpolation is activated for a Table 6 conversion group by setting the “Extend range of standard implementation” flag:



## Cause

N/A

## Solution

N/A

## Transport Reference

SAP Release	Transport	File Name	Notes
ECC600	QOIK900262	NOTE-00065-600.SAR	

## Validity

SAP Release	From SP	To SP	In SP Shipment
ECC600	10B CSP03	-	BCS 3.0