```sql
01 |  SELECT DISTINCT seq.program_id, seq.program_state, data.material_id, data.piece_id, data.material_sub_type, data.steel_grade_id_int, data.
         spm_elongation, data.temp_end_dff_aim, data.temp_end_rtf_aim, data.temp_end_soak_aim, data.temp_end_slow_cool, data.temp_end_rapid_cool, data.
         coat_wt_top_aim, data.coat_wt_bottom_aim, data.tlv_elongation, data.width, data.thickness, data.crossection, data.weight, data.length, data.
         galv_top, data.galv_bot, data.elongation_spm, data.roll_set_id, data.elongation_tlv, data.oiling_ind, data.cut_date
02 |  FROM pg seq
03 |  LEFT JOIN (
04 |        SELECT pgl.program_id, NVL(TO_CHAR(pgl.material_id),'null') material_id, NVL(TO_CHAR(mat.material_sub_type),'null') material_sub_type, NVL
         (TO_CHAR(mat.steel_grade_id_int),'null') steel_grade_id_int, NVL(TO_CHAR(mat.width),'null') width, NVL(TO_CHAR(mat.thickness),'null')
         thickness, NVL(TO_CHAR(mat.thickness*mat.width),'null') crossection, NVL(TO_CHAR(mat.weight),'null') weight, NVL(TO_CHAR(mat.length),'null')
         length, NVL(TO_CHAR(mat.galv_top),'null') galv_top, NVL(TO_CHAR(mat.galv_bot),'null') galv_bot, NVL(TO_CHAR(cgl.piece_id),'null') piece_id,
         NVL(TO_CHAR(cgl.elongation_spm),'null') elongation_spm, NVL(TO_CHAR(cgl.roll_set_id),'null') roll_set_id, NVL(TO_CHAR(cgl.elongation_tlv),'
         null') elongation_tlv, NVL(TO_CHAR(cgl.oiling_ind),'null') oiling_ind, NVL(TO_CHAR(cgl.cut_date),'null') cut_date, NVL(TO_CHAR(pdi.
         spm_elongation),'null') spm_elongation, NVL(TO_CHAR(pdi.temp_end_dff_aim),'null') temp_end_dff_aim, NVL(TO_CHAR(pdi.temp_end_rtf_aim),'null')
         temp_end_rtf_aim, NVL(TO_CHAR(pdi.temp_end_soak_aim),'null') temp_end_soak_aim, NVL(TO_CHAR(pdi.temp_end_slow_cool),'null') temp_end_slow_cool
         , NVL(TO_CHAR(pdi.temp_end_rapid_cool),'null') temp_end_rapid_cool, NVL(TO_CHAR(pdi.coat_wt_top_aim),'null') coat_wt_top_aim, NVL(TO_CHAR(pdi.
         coat_wt_bottom_aim),'null') coat_wt_bottom_aim, NVL(TO_CHAR(pdi.tlv_elongation),'null') tlv_elongation
05 |        FROM pdi_cgl pdi, pgl pgl, r_mat mat, r_cgl cgl
06 |        WHERE mat.material_id=pdi.material_id AND mat.material_id=pgl.material_id AND mat.material_id=cgl.material_id AND mat.material_type LIKE '
         CG' AND mat.modification_date=(
07 |                  SELECT MAX(modification_date)
08 |                  FROM r_mat mat2
09 |                  WHERE mat2.material_id=mat.material_id
10 |                  )
11 |        ) data ON data.program_id=seq.program_id
12 |  WHERE seq.production_line_name LIKE 'CGL%' AND seq.start_actual>to_date('01.01.2018','DD.MM.YYYY');
```