deID(16) FileScan parquet tpcds_100_parquet.catalog_sales[cs_sold_date_sk#2,cs_warehouse_sk#16,cs_item_sk#17,cs_order_number#19L,cs_sales_price#23]	nodeID(20) FileScan parquet tpcds_100_parquet.catalog_returns[cr_item_sk#38,cr_order_number#52L,cr_refunded_cash#59]			
nodeID(15) Filter ((isnotnull(cs_warehouse_sk#16) AND isnotnull(cs_item_sk#17)) AND isnotnull(cs_sold_date_sk#2))	nodeID(19) Filter (isnotnull(cr_order_number#52L) AND isnotnull(cr_item_sk#38))			
nodeID(14) Exchange hashpartitioning(cs_order_number#19L, cs_item_sk#17, 200), ENSURE_REQUIREMENTS, [plan_id=97]	nodeID(18) Exchange hashpartitioning(cr_order_number#52L, cr_item_sk#38, 200), ENSURE_REQUIREMENTS, [plan_id=98]			
ilode D(14) Exchange hashpartitioning (es_order_number#17E, es_item_sk#17, 200), E14501tE_teEQ01tE1415, [plan_id=57]	inderib(16) Exchange hashpartitioning(er_order_nameer/s2E, er_tem_sk//36, 200), ExtsortE_textoon(Extraction / 50)			
nodeID(13) Sort [cs_order_number#19L ASC NULLS FIRST, cs_item_sk#17 ASC NULLS FIRST], false, 0	nodeID(17) Sort [cr_order_number#52L ASC NULLS FIRST, cr_item_sk#38 ASC NULLS FIRST], false, 0	nodeID(23) FileScan parquet tpcds_100_parquet.warehouse[w_warehouse_sk#63,w_state#73]		
	nodeID(12) SortMergeJoin [cs_order_number#19L, cs_item_sk#17], [cr_order_number#52L, cr_item_sk#38], LeftOuter	nodeID(22) Filter isnotnull(w_warehouse_sk#63)	nodeID(27) FileScan parquet tpcds_100_parquet.item[i_item_sk#77,i_item_id#78,i_current_price#82]	
	nodeID(11) Project [cs_sold_date_sk#2, cs_warehouse_sk#16, cs_item_sk#17, cs_sales_price#23, cr_refunded_cash#59]	nodeID(21) BroadcastExchange HashedRelationBroadcastMode(List(cast(input[0, int, false] as bigint)),false), [plan_id=104]	nodeID(26) Filter (((isnotnull(i_current_price#82) AND (i_current_price#82 >= 0.99)) AND (i_current_price#82 <= 1.49)) AND isnotnull(i_item_sk#77))	
		nodeID(10) BroadcastHashJoin [cs_warehouse_sk#16], [w_warehouse_sk#63], Inner, BuildRight, false	nodeID(25) Project [i_item_sk#77, i_item_id#78]	
		nodeID(9) Project [cs_sold_date_sk#2, cs_item_sk#17, cs_sales_price#23, cr_refunded_cash#59, w_state#73]	nodeID(24) BroadcastExchange HashedRelationBroadcastMode(List(cast(input[0, int, true] as bigint)),false), [plan_id=108]	nodeID(30) FileScan parquet tpcds_100_parquet.date_dim[d_date_sk#99,d_date#101]
			nodeID(8) BroadcastHashJoin [cs_item_sk#17], [i_item_sk#77], Inner, BuildRight, false nodeID(29) Fi	ter (((isnotnull(d_date#101) AND (cast(d_date#101 as date) >= 2000-02-10)) AND (cast(d_date#101 as date) <= 2000-04-10)) AND isnotnull(d_date_sk#99))
			nodeID(7) Project [cs_sold_date_sk#2, cs_sales_price#23, cr_refunded_cash#59, w_state#73, i_item_id#78]	nodeID(28) BroadcastExchange HashedRelationBroadcastMode(List(cast(input[0, int, false] as bigint)),false), [plan_id=112]
			nodeID(6) BroadcastHashJoin [cs_sold_date_sk#2], [d_date_sk	#99], Inner, BuildRight, false
			nodeID(5) Project [cs_sales_price#23, cr_refunded_cash#59, w_state#73, i_item_id#78, d_date#101]	
nodeID(4) HashAggregate(keys=[w_state#73, i_item_id#78], functions=[partial_state="font-st		te(keys=[w_state#73, i_item_id#78], functions=[partial_sum(CASE WHEN (cast(d_date#101 as date) < 2000-03-11) THEN (cs_sales_price#23 - coalesce(cr_refunded_cash#59, 0.0))	ELSE 0.0 END), partial_sum(CASE WHEN (cast(d_date#101 as date) >= 2000-03-11) THEN (cs_sales_price#23 - coalesce(cr_refunded_cash#59, 0.0)) ELSE 0.0 END)])	
	nodeID(3) Evolution in a first transfer of the second seco		nodeID(3) Evchange hashpartitioning(w. state#73_i_item_id#78_200) ENS	SURE REQUIREMENTS [plan_id=117]
			Hoderb(3) Exchange hashpartitioning(w_state#73, 1_item_id#76, 200), ENG	SORE_REQUIRENTS, [plain_id=117]
	nodeID(2) HashAggregate(keys=[w_state#73, i_item_id#78], functions=[sum(CASE WHEN (cast(d_date#101 as date) < 2000-03-11) THEN (cs_sales_price#23 - coalesce(cr_refunded_cash#59, 0.0))			ELSE 0.0 END), sum(CASE WHEN (cast(d_date#101 as date) >= 2000-03-11) THEN (cs_sales_price#23 - coalesce(cr_refunded_cash#59, 0.0)) ELSE 0.0 END)])
	nodeID(1) TakeOrderedAndProject(limit=100, orderBy=[w_state#73 ASC NULLS FIRST,i_item_id#78 ASC NULLS FIRST], output=[w_state#73,i_item_id#78,sales_before#0,sales_		TLLS FIRST], output=[w_state#73,i_item_id#78,sales_before#0,sales_after#1])	
			nodeID(0)	