

HYUNDAI TRACKED EXCAVATORS R110 -> R520LC-9A LONG REACH CUMMINS QSX11.9 / TIER 4 (2012 AND AFTER)



ENGINE Cummins QSX11.9
Capacity: 41,6 liter

| USE | | CLIMATE |
|------------------------------------|------------------------------|-------------------------------------|
| Normal, fuel sulfur level < 0,15 % | | Moderate |
| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | PRODUCT RECOMMENDATION 3 |
| Agrisynth MSP 10W-40 | Agridiesel MSP 15W-40 | Dieselfleet LSP Ultra 10W-30 |

Check every 10 hours, change every 500 hours

| USE | | CLIMATE |
|------------------------------------|--------------------------------------|-------------------------------|
| Normal, fuel sulfur level < 0,15 % | | Cold |
| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | PRODUCT RECOMMENDATION 3 |
| Agrisynth LSP Ultra 10W-40 | Armado Synth LSP Ultra 10W-40 | Armado Synth MSP 5W-40 |

Check every 10 hours, change every 500 hours

HYDRAULIC SYSTEM

Capacity: 262 liter (Hydraulic tank), Capacity: 380 liter (System)

| USE | | CLIMATE |
|--------------------------|--|---------------|
| Normal | | Mediterranean |
| PRODUCT RECOMMENDATION 1 | | |
| Perlus H 68 | | |

Check every 10 hours, change every 2000 hours

| USE | | CLIMATE |
|--------------------------|--------------------------|----------|
| Normal | | Moderate |
| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | |
| Perlus H 46 | Perlus H 32 | |

Check every 10 hours, change every 2000 hours

GREASE POINTS/NIPPLES

| USE | | CLIMATE |
|--------------------------|---------------------------------|------------------------------|
| Normal | | Mediterranean |
| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | PRODUCT RECOMMENDATION 3 |
| Labora Grease | Q5 MP Calcep Grease EP 2 | MP Lithep Grease EP 2 |

Change every 50 hours

| USE | | CLIMATE |
|--------------------------|--|----------|
| Normal | | Moderate |
| PRODUCT RECOMMENDATION 1 | | |
| Gear Grease EP 1 | | |

Change every 50 hours

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**COOLING SYSTEM**

Capacity: 70 liter

| USE | | CLIMATE |
|-------------------------------|--------------------------|----------|
| Normal | | Moderate |
| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | |
| Coolant -38 Organic NF | Coolant -26 | |

*Check every 10 hours, change every 2000 hours***SWING REDUCTION GEARBOX**

Capacity: 5 liter

| USE | | CLIMATE |
|--------------------------------|-------------------------------------|----------|
| Normal | | Moderate |
| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | |
| Gearlube Racing 75W-140 | Unigear LS GL-3/GL-5 85W-140 | |

*Check every 50 hours, change every 1000 hours***TRACK DRIVE GEARBOXES**

Capacity: 5,5 liter

| USE | | CLIMATE |
|--------------------------------|-------------------------------------|----------|
| Normal | | Moderate |
| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | |
| Gearlube Racing 75W-140 | Unigear LS GL-3/GL-5 85W-140 | |

Change every 1000 hours

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