

CATERPILLAR COMPACT TRACKED LOADERS 239D BL9, CD4 (2015 AND AFTER)

**ENGINE C2.2**

Capacity: 8,2 liter, Filter capacity: 1 liter

| USE | CLIMATE |
|-----------|---------------|
| Preferred | Mediterranean |

| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 |
|-----------------------------|-------------------------------|
| Agrisynth MSP 10W-40 | Dieselfleet MSP 15W-40 |

Change every 500 hours/ 12 months

| USE | CLIMATE |
|-----------|----------|
| Preferred | Moderate |

| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | PRODUCT RECOMMENDATION 3 |
|------------------------------|-------------------------------------|-------------------------------|
| Agridiesel MSP 15W-40 | Dieselfleet LSP Ultra 10W-30 | Dieselfleet MSP 10W-30 |

Change every 500 hours/ 12 months

| USE | CLIMATE |
|---------------------------|---------------|
| Fluid analysis, preferred | Mediterranean |

| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 |
|-----------------------------|-------------------------------|
| Agrisynth MSP 10W-40 | Dieselfleet MSP 15W-40 |

Check every 250 hours

| USE | CLIMATE |
|---------------------------|----------|
| Fluid analysis, preferred | Moderate |

| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | PRODUCT RECOMMENDATION 3 |
|------------------------------|-------------------------------------|-------------------------------|
| Agridiesel MSP 15W-40 | Dieselfleet LSP Ultra 10W-30 | Dieselfleet MSP 10W-30 |

Check every 250 hours

| USE | CLIMATE |
|--------------------------|---------------|
| Alternative (acceptable) | Mediterranean |

| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 |
|------------------------------|-------------------------------|
| Agridiesel MSP 15W-40 | Dieselfleet MSP 15W-40 |

Change every 500 hours/ 12 months

| USE | CLIMATE |
|--------------------------|----------|
| Alternative (acceptable) | Moderate |

| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 |
|-------------------------------------|-------------------------------|
| Dieselfleet LSP Ultra 10W-30 | Dieselfleet MSP 10W-30 |

Change every 500 hours/ 12 months

| USE | CLIMATE |
|-----------------------------|---------------|
| Fluid analysis, alternative | Mediterranean |

| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 |
|------------------------------|-------------------------------|
| Agridiesel MSP 15W-40 | Dieselfleet MSP 15W-40 |

Check every 250 hours

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| USE | | CLIMATE |
|-------------------------------------|-------------------------------|----------|
| Fluid analysis, alternative | | Moderate |
| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | |
| Dieselfleet LSP Ultra 10W-30 | Dieselfleet MSP 10W-30 | |
| <i>Check every 250 hours</i> | | |

| FINAL DRIVES | | |
|--|--|----------|
| Capacity: 1 liter (each (2x)) | | |
| USE | | CLIMATE |
| Preferred | | Moderate |
| PRODUCT RECOMMENDATION 1 | | |
| Gearlube Racing 75W-140 | | |
| <i>Check every 250 hours, change every 500 hours</i> | | |

| USE | | CLIMATE |
|--------------------------------|--|----------|
| Initial service (preferred) | | Moderate |
| PRODUCT RECOMMENDATION 1 | | |
| Gearlube Racing 75W-140 | | |
| <i>Change every 250 hours</i> | | |

| USE | | CLIMATE |
|--|---------------------------------|----------|
| Alternative (acceptable) | | Moderate |
| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | |
| Gearlube Racing 75W-140 | Gearlube HS GL-5 80W-140 | |
| <i>Check every 250 hours, change every 500 hours</i> | | |

| USE | | CLIMATE |
|--------------------------------|---------------------------------|----------|
| Initial service (alternative) | | Moderate |
| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | |
| Gearlube Racing 75W-140 | Gearlube HS GL-5 80W-140 | |
| <i>Change every 250 hours</i> | | |

| HYDRAULIC SYSTEM | | |
|--|--|----------|
| Capacity: 45 liter (System), Capacity: 35 liter (Tank) | | |
| USE | | CLIMATE |
| Preferred | | Moderate |
| PRODUCT RECOMMENDATION 1 | | |
| Perlus Biosynth 46 | | |
| <i>Change every 36 months/ 3000 hours</i> | | |

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| USE | | CLIMATE |
|---------------------------|--|----------|
| Fluid analysis, preferred | | Moderate |
| PRODUCT RECOMMENDATION 1 | | |
| Perlus Biosynth 46 | | |

Check every 500 hours

| USE | | CLIMATE |
|--------------------------|--|---------------|
| Alternative (acceptable) | | Mediterranean |
| PRODUCT RECOMMENDATION 1 | | |
| Gear Oil Alcat 30 | | |

Change every 2000 hours/ 24 months

| USE | | CLIMATE |
|-------------------------------------|------------------------------|-------------------------------|
| Alternative (acceptable) | | Moderate |
| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | PRODUCT RECOMMENDATION 3 |
| Agrisynth LSP Ultra FE 5W-30 | Agridiesel MSP 15W-40 | Agridiesel CRD+ 15W-40 |

Change every 2000 hours/ 24 months

| USE | | CLIMATE |
|-----------------------------|--|---------------|
| Fluid analysis, alternative | | Mediterranean |
| PRODUCT RECOMMENDATION 1 | | |
| Gear Oil Alcat 30 | | |

Check every 500 hours

| USE | | CLIMATE |
|-------------------------------------|------------------------------|-------------------------------|
| Fluid analysis, alternative | | Moderate |
| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | PRODUCT RECOMMENDATION 3 |
| Agrisynth LSP Ultra FE 5W-30 | Agridiesel MSP 15W-40 | Agridiesel CRD+ 15W-40 |

Check every 500 hours

GREASE POINTS/NIPPLES

| USE | | CLIMATE |
|--------------------------|--|----------|
| Normal | | Moderate |
| PRODUCT RECOMMENDATION 1 | | |
| MoS2 Grease EP 2 | | |

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COOLING SYSTEM

Capacity: 14 liter

| USE | | CLIMATE |
|---------------------------|--|----------|
| Fluid analysis, preferred | | Moderate |
| PRODUCT RECOMMENDATION 1 | | |
| Coolant SP 17 | | |

Check every 12 months, change every 72 months/ 12000 hours

| USE | | CLIMATE |
|-------------------------------------|--|----------|
| Fluid analysis, initial (preferred) | | Moderate |
| PRODUCT RECOMMENDATION 1 | | |
| Coolant SP 17 | | |

Check every 500 hours

| USE | | CLIMATE |
|-----------------------------|--------------------------|-------------------------------|
| Fluid analysis, alternative | | Moderate |
| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | PRODUCT RECOMMENDATION 3 |
| Coolant SP 15+ | Coolant SP 12 | Coolant -38 Organic NF |

Check every 250 hours

AIRCONDITIONING COMPRESSOR

Capacity: 150 CM3

We are unable to give a standard recommendation for this component. Please contact our service department.

AIRCONDITIONING SYSTEM

Capacity: 810 grams

We are unable to give a standard recommendation for this component. Please contact our service department.

TRACK IDLERS

Capacity: 0,19-0,25 liter

| USE | | CLIMATE |
|-------------------------------|-------------------------------|-------------------------------|
| Normal | | Mediterranean |
| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | PRODUCT RECOMMENDATION 3 |
| Agridiesel CRD+ 15W-40 | Dieselfleet CD+ 15W-40 | Multifleet SHPD 15W-40 |

| USE | | CLIMATE |
|-------------------------------------|------------------------------|-------------------------------------|
| Normal | | Moderate |
| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | PRODUCT RECOMMENDATION 3 |
| Agrisynth LSP Ultra FE 5W-30 | Agridiesel MSP 15W-40 | Armado Synth LSP Ultra 5W-30 |

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TRACK ROLLERS

Capacity: 0,16-0,17 liter

| USE | | CLIMATE |
|-------------------------------|-------------------------------|-------------------------------|
| Normal | | Mediterranean |
| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | PRODUCT RECOMMENDATION 3 |
| Agridiesel CRD+ 15W-40 | Dieselfleet CD+ 15W-40 | Multifleet SHPD 15W-40 |

| USE | | CLIMATE |
|-------------------------------------|------------------------------|-------------------------------------|
| Normal | | Moderate |
| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | PRODUCT RECOMMENDATION 3 |
| Agrisynth LSP Ultra FE 5W-30 | Agridiesel MSP 15W-40 | Armado Synth LSP Ultra 5W-30 |

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