

# DITCH WITCH DIRECTIONAL DRILLS HT/JT JT30 ALL TERRAIN CUMMINS QSB4.5 TIER 3 (2012 AND AFTER)



**ENGINE** Cummins QSB4.5  
Capacity: 11 liter

| USE   | CLIMATE  |
|---|----------|
| Initial service, fuel sulfur level > 15 ppm (0,0015%) | Moderate |

| PRODUCT RECOMMENDATION 1     | PRODUCT RECOMMENDATION 2      | PRODUCT RECOMMENDATION 3    |
|------------------------------|-------------------------------|-----------------------------|
| <b>Agridiesel MSP 15W-40</b> | <b>Agridiesel CRD+ 15W-40</b> | <b>Synfleet SHPD 10W-40</b> |

*Change every 250 hours*

| USE  | CLIMATE  |
|--|----------|
| Normal, fuel sulfur level <0,0015 %, ambient temperature > -10°C | Moderate |

| PRODUCT RECOMMENDATION 1     | PRODUCT RECOMMENDATION 2      | PRODUCT RECOMMENDATION 3    |
|------------------------------|-------------------------------|-----------------------------|
| <b>Agridiesel MSP 15W-40</b> | <b>Agridiesel CRD+ 15W-40</b> | <b>Synfleet SHPD 10W-40</b> |

*Check every 10 hours, change every 500 hours*

## GROUND DRIVE GEARBOX

Capacity: 0-0 liter (Fill up to lower edge of level plug opening)

| USE    | CLIMATE  |
|--------|----------|
| Normal | Moderate |

| PRODUCT RECOMMENDATION 1    | PRODUCT RECOMMENDATION 2           |  |
|-----------------------------|------------------------------------|--|
| <b>Gearlube GL-5 80W-90</b> | <b>Unigear HS GL-3/GL-5 80W-90</b> |  |

*Check every 50 hours, change every 1000 hours*

## HYDRAULIC SYSTEM

Capacity: 102 liter (Hydraulic tank)

| USE    | CLIMATE  |
|--------|----------|
| Normal | Moderate |

| PRODUCT RECOMMENDATION 1    | PRODUCT RECOMMENDATION 2         | PRODUCT RECOMMENDATION 3 |
|-----------------------------|----------------------------------|--------------------------|
| <b>Kroontrak CVT 10W-40</b> | <b>Agrifluid Synth XHP Ultra</b> | <b>Agrifluid HT-Plus</b> |

*Check every 10 hours, change every 1000 hours*

## COOLING SYSTEM

Capacity: 22 liter

| USE    | CLIMATE  |
|--------|----------|
| Normal | Moderate |

| PRODUCT RECOMMENDATION 1 | PRODUCT RECOMMENDATION 2 | PRODUCT RECOMMENDATION 3      |
|--------------------------|--------------------------|-------------------------------|
| <b>Coolant SP 15+</b>    | <b>Coolant SP 12</b>     | <b>Coolant -38 Organic NF</b> |

*Change every 2000 hours/ 24 months*

# DITCH WITCH DIRECTIONAL DRILLS HT/JT JT30 ALL TERRAIN CUMMINS QSB4.5 TIER 3 (2012 AND AFTER)

**ANCHOR GEARBOX**

Capacity: 0,77 liter

| USE                         |                                    | CLIMATE  |
|-----------------------------|------------------------------------|----------|
| Normal                      |                                    | Moderate |
| PRODUCT RECOMMENDATION 1    | PRODUCT RECOMMENDATION 2           |          |
| <b>Gearlube GL-5 80W-90</b> | <b>Unigear HS GL-3/GL-5 80W-90</b> |          |

*Check every 50 hours, change every 1000 hours***DRILLING FLUID PUMP**

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

**ROTATION GEARBOX**

| USE                         |                                    | CLIMATE  |
|-----------------------------|------------------------------------|----------|
| Normal                      |                                    | Moderate |
| PRODUCT RECOMMENDATION 1    | PRODUCT RECOMMENDATION 2           |          |
| <b>Gearlube GL-5 80W-90</b> | <b>Unigear HS GL-3/GL-5 80W-90</b> |          |

*Check every 50 hours, change every 1000 hours***SPINDLE BRAKE**

Capacity: 0,15 liter

| USE                         |                                  | CLIMATE                  |
|-----------------------------|----------------------------------|--------------------------|
| Normal                      |                                  | Moderate                 |
| PRODUCT RECOMMENDATION 1    | PRODUCT RECOMMENDATION 2         | PRODUCT RECOMMENDATION 3 |
| <b>Kroontrak CVT 10W-40</b> | <b>Agrifluid Synth XHP Ultra</b> | <b>Agrifluid HT-Plus</b> |

*Change every 1000 hours***THRUST DRIVE GEARBOX**

Capacity: 0,77 liter

| USE                         |                                    | CLIMATE  |
|-----------------------------|------------------------------------|----------|
| Normal                      |                                    | Moderate |
| PRODUCT RECOMMENDATION 1    | PRODUCT RECOMMENDATION 2           |          |
| <b>Gearlube GL-5 80W-90</b> | <b>Unigear HS GL-3/GL-5 80W-90</b> |          |

*Check every 50 hours, change every 1000 hours*

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