

ECO BIODEGRADABLE™ GEAR OIL



DSI ECO Biodegradable Gear Oil is a **highly biodegradable** gear oil for industrial or environmentally sensitive applications. ECO Biodegradable Gear Oil provides outstanding lubricity and protection for your equipment while minimizing adverse environmental impact, resisting oxidation, wear, corrosion and breakdown.

ECO Biodegradable Gear Oils have a higher boiling point than other oils, which reduces consumption. Available in ISO 150, 220, 440 and 85/140 multigrades.

APPLICATIONS	BENEFITS	TYPICAL SPECIFICATIONS																														
Forestry Construction Road Excavation Marine Mining Drilling Rigs Heavy Equipment Agriculture Industrial Gearboxes Pumping Equipment Power Generation Equipment	Extended Drain Intervals Reduces Maintenance Costs and Downtime Excellent High Temperature Protection >96% Biodegradable Minimize Environmental Issues	<table border="0"> <tr> <td style="vertical-align: top;">SAE Grade</td> <td style="border: 1px solid red; padding: 2px;">85/140</td> <td style="border: 1px solid red; padding: 2px;">ISO 220</td> </tr> <tr> <td>Specific Gravity</td> <td style="border-left: 1px solid red; padding-left: 5px;">.85</td> <td style="border-left: 1px solid red; padding-left: 5px;">.85</td> </tr> <tr> <td>Flash Point °F</td> <td style="border-left: 1px solid red; padding-left: 5px;">440</td> <td style="border-left: 1px solid red; padding-left: 5px;">510</td> </tr> <tr> <td>Pour Point °F</td> <td style="border-left: 1px solid red; padding-left: 5px;">-46</td> <td style="border-left: 1px solid red; padding-left: 5px;">-44</td> </tr> <tr> <td>Viscosity, cSt @ 40°C ...</td> <td style="border-left: 1px solid red; padding-left: 5px;">326</td> <td style="border-left: 1px solid red; padding-left: 5px;">206</td> </tr> <tr> <td>Viscosity, cSt @ 100°C</td> <td style="border-left: 1px solid red; padding-left: 5px;">19.0</td> <td style="border-left: 1px solid red; padding-left: 5px;">24.0</td> </tr> <tr> <td>Timken OK load</td> <td style="border-left: 1px solid red; padding-left: 5px;">75</td> <td style="border-left: 1px solid red; padding-left: 5px;">75</td> </tr> <tr> <td>Four Ball Wear, scar mm ..</td> <td style="border-left: 1px solid red; padding-left: 5px;">0.30</td> <td style="border-left: 1px solid red; padding-left: 5px;">0.30</td> </tr> <tr> <td>Four Ball Weld Load, kg..</td> <td style="border-left: 1px solid red; padding-left: 5px;">250</td> <td style="border-left: 1px solid red; padding-left: 5px;">250</td> </tr> <tr> <td>Copper Corrosion</td> <td style="border-left: 1px solid red; padding-left: 5px;">1b</td> <td style="border-left: 1px solid red; padding-left: 5px;">1a</td> </tr> </table>	SAE Grade	85/140	ISO 220	Specific Gravity85	.85	Flash Point °F	440	510	Pour Point °F	-46	-44	Viscosity, cSt @ 40°C ...	326	206	Viscosity, cSt @ 100°C	19.0	24.0	Timken OK load	75	75	Four Ball Wear, scar mm ..	0.30	0.30	Four Ball Weld Load, kg..	250	250	Copper Corrosion	1b	1a
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ECO Biodegradable Gear Oils are designed for use in heavy duty service in both enclosed and open gear sets. They are blended to meet the following specifications:

- ❖ API GL-4
- ❖ MIL-PRF-2105E
- ❖ API MT-1
- ❖ US Steel 224
- ❖ AGMA 250.04

Additional Grades of ECO Biodegradable Gear Oil are available under special blending

