



Installation record for CSP **NOX** Tiltrotator NoxProp

Please send back completely filled to info@kinshofer.com or by Fax +49 (0)8021 8899 37 within 30 days after initial operation!

Only from then on, warranty claims can be dealt with!

Kinshofer GmbH, Raiffeisenstrasse 12, 83607 Holzkirchen, Germany - for further queries please call +49 (0)8021 8899 0

First installation

Installation after maintenance / repair

Carrier machine:

Manufacturer:

Year of construction:

Type:

Serial no.:

NOX Tiltrotator:

Type:

Serial no.:

Year of construction:

Installation:

1	Mount NOX to carrier machine: (pin on or couple quick quick coupler)	<input type="checkbox"/>																																	
2	Connect pressure line (P):	<input type="checkbox"/>																																	
3	Install non-return valve in tank line: (check installation direction!) Reason: <input type="text"/>	no <input type="checkbox"/>																																	
4	Connect tank line (T): <input type="checkbox"/>	Measure back pressure: max. 15 bar / 210 psi <input type="checkbox"/>																																	
5	Set up hydraulic circuit correctly at the carrier machine: (note values in table "real value"!)	<input type="checkbox"/>																																	
<table border="1"> <thead> <tr> <th>Index values:</th> <th>Oil flow:</th> <th>Operating pressure:</th> </tr> </thead> <tbody> <tr> <td>TR045NOX</td> <td>30 - 60 l/min / 8.0 - 16.0 GPM</td> <td>max. 210 bar / 3045 psi</td> </tr> <tr> <td>TR07NOX</td> <td>30 - 60 l/min / 8.0 - 16.0 GPM</td> <td>max. 250 bar / 3650 psi</td> </tr> <tr> <td>TR11NOX</td> <td>40 - 100 l/min / 10.5 - 26.5 GPM</td> <td>max. 270 bar / 3900 psi</td> </tr> <tr> <td>TR14NOX</td> <td>80 - 160 l/min / 21.0 - 40.2 GPM</td> <td>max. 300 bar / 4350 psi</td> </tr> <tr> <td>TR19NOX</td> <td>100 - 180 l/min / 26.5 - 47.5 GPM</td> <td>max. 300 bar / 4350 psi</td> </tr> <tr> <td>TR25NOX</td> <td>120 - 200 l/min / 32.0 - 53.0 GPM</td> <td>max. 300 bar / 4350 psi</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <th>Real value:</th> <th>Oil flow:</th> <th>Operating pressure:</th> </tr> <tr> <td>NOX:</td> <td>l/min / GPM:</td> <td>bar / psi:</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			Index values:	Oil flow:	Operating pressure:	TR045NOX	30 - 60 l/min / 8.0 - 16.0 GPM	max. 210 bar / 3045 psi	TR07NOX	30 - 60 l/min / 8.0 - 16.0 GPM	max. 250 bar / 3650 psi	TR11NOX	40 - 100 l/min / 10.5 - 26.5 GPM	max. 270 bar / 3900 psi	TR14NOX	80 - 160 l/min / 21.0 - 40.2 GPM	max. 300 bar / 4350 psi	TR19NOX	100 - 180 l/min / 26.5 - 47.5 GPM	max. 300 bar / 4350 psi	TR25NOX	120 - 200 l/min / 32.0 - 53.0 GPM	max. 300 bar / 4350 psi				Real value:	Oil flow:	Operating pressure:	NOX:	l/min / GPM:	bar / psi:			
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6	Install control system: NOXProp <input type="checkbox"/> NOXProp+ <input type="checkbox"/> locking <input type="checkbox"/>																																		
7a	Install feeder valve: yes <input type="checkbox"/> no <input type="checkbox"/>																																		
7b	Install elect. feeder NOXProp: analog <input type="checkbox"/> PWM <input type="checkbox"/>																																		
7c	Install elect. feeder NOXProp+: feeder 1 <input type="checkbox"/> feeder 2 <input type="checkbox"/>																																		
8	NOX function test: index value: turn 8 - 10 RPM tilt 4 - 6 sec. (limit stop to limit stop) Real value: turn <input type="text"/> RPM tilt <input type="text"/> sec. (limit stop to limit stop)																																		
9	Check complete installation: (hosing, performance, etc.) OK <input type="checkbox"/> not OK <input type="checkbox"/>																																		
10	Installation according to Kinshofer standard: (see installation instruction) yes <input type="checkbox"/> no <input type="checkbox"/> Reason: <input type="text"/>																																		
11	Training of operator or dealer yes <input type="checkbox"/> no <input type="checkbox"/> Reason: <input type="text"/>																																		
12	Install attachments yes <input type="checkbox"/> no <input type="checkbox"/> Attachment 1: <input type="text"/> Attachment 2: <input type="text"/> Attachment 3: <input type="text"/> Attachment 4: <input type="text"/> Attachment 5: <input type="text"/>																																		
13	Note: (installation point feeder, installation point control device, electric taking of control, special solutions, etc.) <input type="text"/>																																		

Place and date of installation

Installer - name and signature

Client - name and signature