HALE MARINE TYPE 8FGF WITH HORIZONTAL XG GEARBOX
PUMP INSTALLATION

NOTES:

1. SELECT HALE DRAWING 2.2 TO DETERMINE HALE TOLERABLE PUMP PRESSURE, MOUNTING AND BALANCING LIMITS FOR VALE CENTRIFUGAL PUMPS.

2. PUMP INSTALLATION OF APPROPRIATE SIZE TO MATCH THE CHASSIS AND HYDROSTATIC = 500 PSIG PUMP REQUIREMENTS WITH INDIVIDUAL JOINT CANCELLATION AND PHASING BEFORE AND AFTER THE PUMP. DRIVE SHAFT BALANCE (INCLUDING YOKES) SHALL NOT EXCEED THE RECOMMENDED LIMIT STANDARD 6.0"; 150LBS ASA FLANGE.

3. USE SAE EP-90 OR 80W-90 API GL-5 OIL. APPROXIMATE CAPACITY = 5.5 QTS.

4. PUMP MUST BE INSTALLED IN COMPARTMENT WITH AMBIENT AIR TEMPERATURES ABOVE 32°F (0°C) TO PREVENT FREEZING WATER IN GEARBOX COOLER COIL.

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WARNING

DRIVE LINE EXCEEDING THESE LIMITS OR FAILURE TO FOLLOW THE
HALE MARINE TYPE 8FGF WITH HORIZONTAL XG GEARBOX
RECOMMENDATIONS OUTLINED ON THIS DRAWING COULD DAMAGE
THE GEARBOX AND RESULT IN PERSONAL INJURY.