



Dry Sump

Units that are installed on board ships or floating production platforms may require the dry sump option. This option would be required if the roll and yaw of the ship would cause the frame lube oil pump to lose suction of the oil in the sump or any of the running gear to foam the oil from contact with the oil level. Refer to [Frame Tilt Limits for Offshore](#) for allowable tilt with a wet sump in offshore applications.

If the dry sump is selected, both frame ends are supplied with drains and an additional oil pump chain oiler is provided. An oil sump strainer is provided by Ariel to be placed in the pump suction line at the outlet of the Packager's wet sump. The packager is responsible to provide a lube oil reservoir sized and located such that the oil pump will have suction regardless of the tilt of the ship or floating platform.

Refer to the [Packager Standards Section 6: Lubrication](#) for further information and schematics.