

## Carlyle Compressor 06D And 06E Gasket Change

Carlyle Compressor will soon be changing some of the gaskets used in all Carlyle 06D and 06E reciprocating compressors. The current fiber gaskets are still 100% satisfactory for sealing the compressor, but are not compatible with our newer manufacturing methods. We, therefore, need to switch to a Wolverine metal gasket in place of the fiber gaskets currently used on the majority of flanged surfaces. The Wolverine gasket is a rubber-coated steel core gasket. The Wolverine gaskets already have a proven reliability record on Carlyle compressors. Carlyle has been using Wolverine valve plate and cylinder head gaskets on 06D and 06E compressors for almost ten years. The Wolverine gasket also has a servicing advantage in that there is the reduction of effort needed to clean the sealing surfaces when compared to a similar fiber gasket. This change is expected to be effective with compressors built starting with S/N 1296J00001.

The main reason for this change is that the Wolverine gasket is compatible with our new paint system. With fiber gaskets, it is necessary to retorque all bolts after the compressor has been processed in the dehydration oven. Since dehydration is done prior to painting, there is no way to damage the painted finish of the compressor. However, with our new paint system the dehydration process is now part of the paint curing process and any retorquing of the compressor bolts would mar the final topcoat. The advantage of the Wolverine gasket is that they do not require any retorquing after dehydration.

The following recommendations should be observed with the new Wolverine gaskets:

1. **Do not** use Wolverine gaskets with service valves. The service valve pads have a serrated surface design and we feel that this will damage the gasket surface. Fiber gaskets will continue to be supplied with Carlyle's service valve accessory packages.
2. No Wolverine gasket should be reused once the compressor has been run exposing the gaskets to refrigerant and oil.
3. Do not reuse the original Wolverine sightglass gasket on an 06D compressor when replacing the sightglass with a float adapter. Carlyle will supply an extra sightglass gasket with all 06DR and 06DM model compressor for this purpose.
4. Please note that we are not changing the service replacement gasket kits. The change is only being done to accommodate our new painting system, as noted above. To repeat, both fiber and Wolverine style gaskets provide a high quality compressor seal when properly installed and torqued.