

## MOV GREASES **MOV EXTRA**

### US STEEL (USX) LOW TEMPERATURE MOBILITY TEST

|                                 | MOV<br>EXTRA<br>EP0             | PREVIOUS<br>EP0                      | ALT<br>EP0                                                                                                    |
|---------------------------------|---------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Thickener</b>                | Calcium<br>Sulfonate<br>Complex | Calcium<br>Complex<br>(discontinued) | Lithium 12<br>Hydroxy-<br>stearate<br><small>(reportedly not<br/>compatible with<br/>previous grease)</small> |
| <b>Mobility @150 psi, g/min</b> |                                 |                                      |                                                                                                               |
| 0° F (-18°C)                    | 287                             | 21.48                                | 59.34                                                                                                         |
| -10° F (-23°C)                  | 139                             | 5.58                                 | 22.8                                                                                                          |
| -20° F (-29°C)                  | 68.5                            | 2.42                                 | 8.54                                                                                                          |
| -30° F (-34°C)                  | 16.5                            | 1.26                                 | 2.1                                                                                                           |

This test method measures the ease with which a grease will move under pressure at low temperatures. The greater the amount of grease (grams per minute) that flows in a given time, the better the expected mobility. A smaller value is worse.