

# FLUID SUPPLIER RECOMMENDATIONS

## FOR OILGEAR EQUIPMENT

### PURPOSE OF RECOMMENDATIONS

This publication is designed to provide a guideline when selecting fluids for use in Oilgear equipment and components. The selection of a petroleum or phosphate ester based fluid is the responsibility of the equipment user. These tables identify fluids from suppliers which, at the time of this publication, met Oilgear fluid requirements as described in the "Fluid Recommendations for Oilgear Equipment" Bulletin 90000.

Listed in the tables below are some of the most popular oil companies. The tables contain only one brand of oil for each viscosity grade and oil company listed. Many other oil companies can supply oil suitable for use also. Refer to the Oilgear Company or consult your hydraulic fluid supplier for selection recommendations and compatibility.

TABLE FOR PETROLEUM BASED FLUIDS

| COMPANY        | ISO VISCOSITY GRADE       |                     |                        |                        |                        |                                 |                                 |
|----------------|---------------------------|---------------------|------------------------|------------------------|------------------------|---------------------------------|---------------------------------|
|                | 10W                       | 22                  | 32*                    | 46*                    | 68*                    | 100                             | 150                             |
| AMOCO          | AMOCO LDO 10W             | AMOCO Spindle Oil C | Rykon Oil 34           | Raykon Oil 46          | Raykon Oil 68          | American Industrial Oil No. 100 | American Industrial Oil No. 150 |
| B.P. OIL CO.   | Vanellus MCS-3 10W        | Turbinol T-22       | Energol HLP-H2 32      | Energol HLP-H2 46      | Energol HLP-H2 68      | Turbinol T-100                  | Turbinol T-150                  |
| CHEVRON        | Chevron DELO 100 SAE 10W  | Industrial R & O 22 | Hydraulic Oil AW 32    | Hydraulic Oil AW 46    | Hydraulic Oil AW 68    | GST Oil 100                     | Industrial R & O 150            |
| CITGO          | CITGO Citgard 500 SAE 10W | Pacemaker 19        | A/W Hydraulic Oil 32   | A/W Hydraulic Oil 46   | A/W Hydraulic Oil 68   | Pacemaker 100                   | Pacemaker 150                   |
| CONOCO INC.    | Fleet HD 10W              | N/A                 | Super Hydraulic Oil 32 | Super Hydraulic Oil 46 | Super Hydraulic Oil 68 | Dectol R & O 100                | Detrol R & O 150                |
| E. F. HOUGHTON | N/A                       | N/A                 | Hydro-Drive HP-150     | Hydro-Drive HP-200     | Hydro-Drive HP-300     | Hydro-Drive HP-500              | Hydro-Drive HP-750              |
| EXXON CO. USA  | XD3 10W                   | Spinesstic 22       | NUTO H 32              | NUTO H 46              | NUTO H 68              | Teresstic 100                   | Teresstic 150                   |
| MOBILE OIL     | Delvac 1210               | DTE 22              | DTE 24                 | DTE 25                 | DTE 26                 | DTE Heavy                       | DTE Extra Heavy                 |
| PENNZOIL       | Long Life SAE10           | Pennzbell AW 22     | Pennzbell AW 32        | Pennzbell AW 46        | Pennzbell AW 68        | Pennzbell AW 100                | Pennzbell AW 150                |
| SHELL OIL CO.  | Rotella 10W               | Tellus 22           | Tellus 32              | Tellus 46              | Tellus 68              | Turbo T100                      | Turbo T150                      |
| SUN            | Sunoco Ultra Super C 10W  | N/A                 | Sunvis 832             | Sunvis 846             | Sunvis 868             | Sunvis 9100                     | Sunvis 9150                     |
| TEXACO         | Havoline Motor Oil 10 W   | Rando Oil HD 22     | Rando Oil HD 32        | Rando Oil HD 46        | Regal Oil HD 68        | Regal Oil R & O 100             | Regal Oil R & O 150             |
| UNOCAL CORP.   | Heavy Duty Motor Oil      | Unax AW 22 10W      | Unax AW 32             | Unax AW 46             | Unax AW 68             | Unax AW 100                     | Unax AW 150                     |

\* All Anti-Wear (AW) Fluids

(Continued on Page 2)

### THE OILGEAR COMPANY

2300 So. 51st. Street  
Milwaukee, WI 53218

TABLE FOR PHOSPHATE ESTER BASED FLUIDS

| COMPANY               | ISO VISCOSITY GRADE |     |                   |                   |                   |                   |     |
|-----------------------|---------------------|-----|-------------------|-------------------|-------------------|-------------------|-----|
|                       | 10W                 | 22  | 32                | 46                | 68                | 100               | 150 |
| AKZO CHEMICALS, INC.  | N/A                 | N/A | Fyrquel 150       | Fyrquel 220       | Fyrquel 300       | Fyrquel 550       | N/A |
| E. F. HOUGHTON        | N/A                 | N/A | Houghto-Safe 1.15 | Houghto-Safe 1120 | Houghto-Safe 1130 | Houghto-Safe 1055 | N/A |
| PENNZOIL PRODUCTS CO. | N/A                 | N/A | Pennzsafe FE32    | Pennzsafe FE46    | Pennzsafe FE68    | N/A               | N/A |

**REFERENCE MATERIAL**

| <u>Description</u>                               | <u>Bulletin</u> |
|--|-----------------|
| Fluid Recommendations .....                      | 90000           |
| Contamination Evaluation Guide .....             | 90004           |
| Storage Recommendations for Oilgear Units .....  | 90006           |
| Filtration Recommendations .....                 | 90007           |
| High Water Content Fluid/Laboratory Report ..... | 90009           |

**NOTES:**



© 1990 The Oilgear Company - All Rights Reserved

**THE OILGEAR COMPANY**  
 2300 So. 51st. Street  
 Milwaukee, WI 53218