

## Anti-Wear Hydraulic Oil

SWEPACO 704 Anti-Wear Hydraulic Oil is a high performance, anti-wear hydraulic fluid formulated for high speed, high pressure applications. Its high-tech additive package provides excellent resistance to emulsification to quickly separate from water and prevent system corrosion. Superior anti-foaming performance means smoother, more even power transmission without the surging which can cause ruptured lines and leakage. SWEPACO 704 is a proven performer, even in critical systems demanding precise motion control such as flight simulator use.



### KEY BENEFITS

- Specifically formulated for long life service and superior wear control
- USDANSF and CFIA authorized for use in closed lubrication systems
- Superior quality solvent-refined, pure paraffinic base stocks prevent varnishing and sludging
- State-of-the-art additive package
- Rapid water demulsification eliminates water circulating in system, preventing rust and corrosion
- Outstanding anti-foam performance prevents surging
- Thermally stable, preventing high temperature oxidation
- Available in SAE 10, 15, 20, 30; ISO 32, 46, 68, 100
- Available in pails, kegs, drums and bulk bins

*Get the most for your lubrication dollar . . .*



MANUFACTURING



AGRICULTURE



CONSTRUCTION



MOTION CONTROL

*Protect your hydraulic systems and equipment with the superior lubrication of SWEPACO 704 Anti-Wear Hydraulic Oil.*



# SWEPCO 704 ANTI-WEAR HYDRAULIC OIL

## PURPOSE & DESCRIPTION

SWEPCO 704 Anti-Wear Hydraulic Oil is an all-temperature, anti-wear hydraulic oil designed with a technically advanced additive package to provide superior protection from wear, rust, corrosion, sludge, oxidation, varnish, foaming and emulsification.

## SUPERIOR PERFORMANCE

Hydraulic systems present their own unique lubrication problems. Ordinary hydraulic oils break down during high temperature operation, causing increases in viscosity, excessive component temperatures and varnishing of pumps and components. SWEPCO 704 is a high performance blend of the highest quality base stocks and a hard working additive package formulated specifically for the demanding needs of the hydraulic systems of the commercial, marine, timber, mining and other industries. It not only resists the effects of high temperature operation, it also protects against corrosion and varnishing. SWEPCO 704 exceeds the requirements of most hydraulic pump manufacturers, including Denison, Racine, Vickers, Cincinnati Milacron and others.

SWEPCO 704 also provides superior protection from oxidation and rust. It also significantly improves the high temperature performance of SWEPCO 704. By keeping the oil from breaking down at high temperatures, superior anti-oxidant chemistry assures cooler operating temperatures and fewer varnish deposits. This extra measure of protection means longer, more trouble-free service from hydraulic systems.


The base stock used in SWEPCO 704 is a High Viscosity Index stock, which means it won't thicken excessively at low temperatures or "thin out" at high temperatures. You get reliable, all-temperature performance.

Some hydraulic oils foam during use, creating surging and improper operation of the hydraulic system. SWEPCO 704 has superior resistance to foaming, giving smoother power transmission without surging.

SWEPCO 704 also has outstanding resistance to emulsification with water. When water contaminates the system, SWEPCO 704 separates quickly, preventing water being distributed throughout the system and causing rust.

## TYPICAL PHYSICAL & PERFORMANCE PROPERTIES

SAE (ISO) Grade	10 (32)	15 (46)	20 (68)	30 (100)
API Gravity @ 60° F	30.5	29.85	29.2	27.9
Flash Point, COC, ° F	430	430	455	460
Viscosity, SUS @ 210° F	44	49	56	64
Viscosity, cSt @ 40° C	32	46	68	100
Viscosity, cSt @ 100° C	5.5	7.0	9.2	11.3
Pour Point, ° F, Max	-35	-25	-20	-15



**A Product of SPX Technology™.**

... the cutting edge performance SWEPCO  
Customers have come to expect since 1933



## Southwestern Petroleum Corporation

Fort Worth, Texas • Phone: (800)359-5823 or (817)332-2336 • Fax: (817)348-7237 • Web: www.swepcousa.com  
Southwestern Petroleum Europe • Southwestern Petroleum Canada