

Excavator Hydraulic Oils



Provide outstanding all-season performance and increased protection for high production excavator hydraulic systems.

Features

- Meets/exceed current hydraulic component manufacturers requirements
- Compatible with OEM factory fills
- 4,000 hour oil life
- Non-toxic to water-inhabiting species
- Inherently biodegradable
- High viscosity index
- Heavy metal free
- Zinc free additives
- Hydro-cracked base oil
- Excellent viscosity control

Advantages & Benefits

Inherently biodegradable and recyclable makes this an ideal fluid for use on environmentally sensitive worksites.

Heavy metal free and therefore does not contaminate ground water and waste water streams.

4,000 hour service life means fewer oil changes so you operate more cost effectively.

Hydro-cracked base oil offers excellent oxidation resistance enabling this fluid to outlast competitive oils while continuing to prevent harmful deposits and varnish.

Zinc free additive package is hydrolytically stable, protects yellow metals and won't precipitate out and clog fine hydraulic parts.

Excellent viscosity control provides excellent pour points with superior low temperature fluidity for easier start up and faster warm up at low temperatures.

High viscosity index offers excellent protection at high operating temperatures.

Compatibility with OEM factory fills means you don't have to worry about mixing fluids, or the added cost of changing out / flushing fluids.

Meets/exceed current hydraulic component manufacturers requirements including Vickers 35VQ25A, M-2950-S, 1-286-S, Cincinnati Machine, P-68, P-70, Racine Hydraulics S-106 for petroleum hydraulic oils, Dennison HF-0, HF-2 & T6C ensuring you the protection you require in severe duty hydraulic applications.



Premium Performance. Heavy Duty Value.

Specifications

		Excavator Hydraulic Oil	Arctic Excavator Hydraulic Oil
ISO Grade		46	22
Feature	Test Method		
ASTM colour	D1500	<.5	<.5
Pour point degrees C	D97/D5985	-48C	-51C
Flash point degrees C	D92	238	178
Viscosity @ 40°C	D445	44	22.6
Viscosity @ 100°C	D445	8.54	5.1
Viscosity Index	ASTM D2270	147	163
TAN	D974	0.04	0.04
TBN	D4739	0.14	0.19
Oxidation stability, hrs to 2.0 TAN		10,000	6,000
Biodegradability, %	CEC L-33-A-93	20-30	20-30
Aquatic Acute Toxicity	ASTM D6081	Pass	Pass