

HIGH VISCOSITY INDEX HYDRAULIC OIL

PRODUCT CODE: 44444, 45555, 46666, 47777

DESCRIPTION

49 NORTH® HIGH VISCOSITY INDEX HYDRAULIC OILS are premium quality zinc containing anti-wear hydraulic oil designed for use in hydraulic systems ranging from simple to the latest in high technology and high performance.

QUALITIES

49 NORTH® HIGH VISCOSITY INDEX HYDRAULIC OILS are blended with high quality base oils having excellent stability and quality, a balanced additive system that provides oxidation and thermal stability, anti-rust, demulsibility, anti-wear, and anti-foam characteristics. The zinc type anti-wear agent used in these oils helps minimize wear in high speed, high pressure, vane and gear pumps and motors while meeting the lubrication requirements of axial piston pumps having bronze and steel metallurgy. 49 NORTH® HIGH VISCOSITY INDEX HYDRAULIC OILS are highly stable under thermal or oxidative stress and are exceptionally stable when in the presence of moisture, showing little tendency to hydrolyze and attack copper, and preventing filter plugging, extending drain intervals.

49 NORTH® HIGH VISCOSITY INDEX HYDRAULIC OILS are formulated with exceptional cold temperature flow properties that exhibit multi-grade performance.

APPLICATIONS

49 NORTH® HIGH VISCOSITY INDEX HYDRAULIC OILS are recommended for the most severe operating pressure applications and exceed the following manufacturer's performance levels:

- Abex Denison HF-1, HF-2, HF-0
- Cincinnati Milacron P-68, P-69, P-70
- Racine variable volume vane pumps
- Vickers I-286-S, M-2950-S (35VQ25)
- U.S. Steel 136, 127, 126
- DIN 51524, Part 2

CONTACT

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6611 - 45 Street
Leduc, Alberta
Canada T9E 7E3

FEATURES & BENEFITS

Excellent vane and piston pump performance with low copper activity, providing extended pump life

Provides excellent oxidation and thermal stability for longer drain intervals

Reduced maintenance due to outstanding rust prevention capabilities

Superior hydrolytic stability with quick water separation providing good demulsibility and protection against filter plugging

Special antifoam agent assures the proper functioning of the system

Performs as a multigrade, with a wider temperature range for superior cold start-up and high temperature performance

ASTM D-943 Oxidation Test: Exceeds 4000 Hours

TYPICAL PROPERTIES

ISO Viscosity Grade	22	32	46	68
Product Code	44444	45555	46666	47777
Pour Point (ASTM D-97), °F (°C)	-55 (-49)	-54 (-48)	-49 (-45)	-38 (-39)
Flash Point (ASTM D-92), °F (°C)	400 (205)	420 (216)	440 (227)	460 (238)
Rust (ASTM D-665)	Pass	Pass	Pass	Pass
Oxidation (ASTM D-943), Hours	4000+	4000+	4000+	4000+
Viscosity				
cSt @ 40 °C	22.5	32.6	46.5	65.2
cSt @ 100 °C	5.0	5.9	7.8	10.0
SUS @ 40 °C	109	153.1	217	302.6
SUS @ 100 °C	45.0	45.7	51.5	59.2
Viscosity Index	138	128	140	138
Dielectric Strength (kV)	40	40	40	40

The typical properties listed reflect the general characterizes of the product, and are not manufacturing specifications. Normal batch-to-batch variations should be expected.

HEALTH & SAFETY

A complete Safety Data Sheet (SDS) is available upon request. Used oil contains by products which may be harmful.

PACKAGE SIZES

Available in bulk, 1211 L totes, 208 L drums, 20 L pails

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