

PRODUCT DATA SHEET

RYE SPECIAL HYDRAULIC OILS

DESCRIPTION. Fully inhibited specially stabilised high quality Hydraulic oils.

APPLICATION. Hydraulic systems where pumps and motors are highly stressed such as Poclairn Excavators, other earth moving equipment and contractors plant. Hydraulic motors and hydrostatic drives, certain torque converters and fluid couplings where immediate response from cold is required, with resistance to viscosity variation at elevated temperatures.

ADVANTAGES. Excellent 'Stay in Grade' properties.
High viscosity index ensures low temperature fluidity.
Resistance to oxidation protects pump components and valve mechanisms from lacquer deposits.
Anti rust and corrosion additives protect the system when at rest.
Good air release and anti foaming additives ensure rapid collapse of foam likely to be formed in reservoirs
Good demulsification ensures rapid separation of any entrained water droplets.

CLASSIFICATION. Category HV of ISO 6743/4
AFNOR NFE 48602-3
DIN 51524, Part II. Class HLP
Approved by Denison against HFO

QUALITIES. Stabilised anti wear additives for high temperature stability and resistance to hydrolysis when contact with water is unavoidable, To ensure freedom from acidity which would otherwise attack and corrode metal surfaces.
Shear stable viscosity index improvers guarantee 'Stay in Grade' characteristics.
Excellent filterability (even in the presence of water).
Rapid separation of water from oil. Powerful anti foam properties.
Very good seal compatibility.

6) Typical characteristics.

ISO Grade	22	32	46	68
Specific Gravity @ 15°C	0.861	0.870	0.875	0.881
Kinematic Viscosity @40°Cmm ² /s	23.3	34.4	49.0	72.5
Viscosity Index.	155	154	153	153
Flash point C.O.C. °C	212	226	232	234
Pour Point 0°C	-39	-39	-39	-33