



MULTI-PURPOSE SAE 10W, 30, 40, 50 ENGINE OIL

DESCRIPTION

49 NORTH® MULTI-PURPOSE ENGINE OILS are superior quality engine oils blended from highly refined paraffinic mineral oils and specially selected additives to provide extra protection in both low temperature and extended high speed, high temperature operations.

QUALITIES

49 NORTH® MULTI-PURPOSE ENGINE OILS have a TBN (Total Base Number) of 10.5 which translates into reduced engine deposits, most notably in critical piston ring groove locations.

APPLICATIONS

49 NORTH® MULTI-PURPOSE ENGINE OILS are recommended for most diesel and gasoline engines that are used to operate on and off highway. 49 NORTH® MULTI-PURPOSE ENGINE OILS are suitable for many transmissions, air compressors and other applications requiring high quality engine oil.

Meets and/or Exceeds Requirements For:

Allison C-4 (SAE 10 & 30)
API CF-2, CF/SL (SAE 10 & 30)
API CF (SAE 10W)
API CD (all grades)
API CE (SAE 10 & 30)
CIDA-A-52306-A & 52306(SAE 30 & 40)

Meets and/or Exceeds Requirements For:

Caterpillar TO-2, Series III
Daimler Chrysler MS 6395-F (SAE 30)
Detroit Diesel 6V-92TA (SAE 10W)
GM 6094-M (SAE 40W)
Navistar TIS-85-6 (SAE 30)

TYPICAL PROPERTIES

SAE Viscosity Grade	10W	30	40	50
Product Code	63025	63029	63030	63031
API Gravity (ASTM D-1298)	30.1	29.3	28.5	27.5
Viscosity (ASTM D-445):				
cSt @ 40° C	37	90	135	193
cSt @ 100° C	6.4	11.2	14.8	18.5
Viscosity Index (ASTM D-2270)	121	112	109	107
Brookfield Viscosity (D-5293)				
cPs @ -25° C (7000 max)	Pass	-	-	-
Pour Point (ASTM D-97), °F (°C)	-22 (-30)	0 (-18)	5 (-15)	10 (-12)
Flash Point (ASTM D-92), °F (°C)	395 (202)	430 (221)	450 (232)	450 (232)
Colour (ASTM D-1500)	5.5	6.0	6.5	6.5
Sulfated Ash (ASTM D-874)	1.2	1.2	1.2	1.2
Total Base Number (TBN)	10.5	10.5	10.5	10.5

Lubricants For All Reasons